ANNALS OF INTERNAL MEDICINE

AUTHOR INDEX

Volume 60, January–June, 1964

ABRAMOWITZ, S. *See* Leiner, Abramowitz, and Small. 61

ABU-NASSAR, H. J., YOW, E. M., ALEXANDER, J. K., and LEWIS, J. M. Primary staphylococcal pericarditis complicating cardiotomy: a report of a case with a note on intrapericardial methicillin therapy. *Case Stud.* 135

ADAMS, D. A. *See* Maxwell, Adams, and Goldman 539

AEGERTER, E., and KIRKPATRICK, J. A. Orthopedic diseases. Physiology, pathology, radiology. 2nd edition. *Book Rev.* 746

AKGUN, N. *See* Sackner, Akgun, Kimbel, and Lewis. 611

ALEXANDER, J. K. *See* Abu-Nassar, Yow, Alexander, and Lewis. *Case Stud.* 135

ALI, V. M. *See* O'Connell, Karson, Barron, Plaut, and Ali. *Case Stud.* 282

ANACKER, H. *See* Haubrich, Anacker, Heckmann, Schaede, and Stender. *Book Rev.* ... 750

ANDERSON, R. E., HOSHINO, T., and YAMAMOTO, T. Myelofibrosis with myeloid metaplasia in survivors of the atomic bomb in Hiroshima. 1

ANDRIOLE, V. T., BALLAS, M., and WILSON, G. L. The association of nocardiitis and pulmonary alveolar proteinosis: a case study. *Case Stud.* 266

ARNAUD, S. B. *See* Hogan, Soergel, and Arnaud. *Case Stud.* 665

ARTENSTEIN, M. S., CADIGAN, F. C., JR., and BUESCHER, E. L. Epidemic Coxsackie virus infection with mixed clinical manifestations. 196

ASK-UPMARK, E. Bedside medicine: selective topics. *Book Rev.* 932

ATAMER, M. A. Blood diseases. *Book Rev.* ... 936

ATSMON, A., DE VRIES, A., and FRANK, M. Uric acid lithiasis. *Book Rev.* 1110

ATUK, N. O., MOSCA, A., and KUNIN, C. The use of potentially nephrotoxic antibiotics in the treatment of gram-negative infections in uremic patients. 28

AUSTRIAN, R. C., and GOLD, J. Pneumococcal bacteremia with especial reference to bacteremic pneumococcal. 759

BALDUCCI, D. *See* Penso and Balducci. *Book Rev.* 179

BALDUS, W. P., FEICHTER, R. N., SUMMERSKILL, W. H. The kidney in cirrhosis. I. Clinical and biochemical features of azotemia in hepatic failure. 353

—. FEICHTER, R. N., SUMMERSKILL, W. H., HUNT, J. C., and WAKIM, K. G. The kidney in cirrhosis. II. Disorders of renal function. 366

BALL, M. R. *See* Moore, Oleson, McMurrey, Parker, Ball, and Boyden. *Book Rev.* 340

BALLAS, M. *See* Andriole, Ballas, and Wilson. *Case Stud.* 266

BANYAI, A. L., and LEVINE, E. R. Dyspnea: diagnosis and treatment. *Book Rev.* 532

BAUER, H. *See* Bullock, Hall, Spink, Damsky, Greene, Vesley, and Bauer 777

BEALL, A. C., JR., MORRIS, G. C., JR., GARRETT, H. E., HENLY, W. S., HALLMAN, G. L., CRAWFORD, E. S., COOLEY, D. A., and DEBAKEY, M. E. Translumbar aortography: present indications and techniques. 843

BECKMAN, H. (editor). Year book of drug therapy. *Book Rev.* 931

BEESON, P. B. Nocardiosis as a complication of pulmonary alveolar proteinosis. *Edit.* 314

BEHNKE, R. H. *See* Williams, Jr., and Behnke 824

BEISEL, W. R., DIRAIMONDO, V. C., and FORSHAM, P. H. Cortisol transport and disappearance. 641

BELL, H. E. *See* Little and Bell. *Case Stud.* ... 886

BERKSON, D. M. See Kaplan and Berkson. ... 430

BERRY, T. J. The hand as a mirror of systemic disease. *Book Rev.* 346

BEST, C. H. Selected papers of Charles H. Best. *Book Rev.* 173

BIDDLE, M. *See* Weil, Shubin, and Biddle. ... 384

BIRREN, J. E., BUTLER, R. N., GREENHOUSE, S. W., and YARROW, M. R. (editors). Human aging: A biological and behavioral study. *Book Rev.* 747

BLAKESLEE, A., and STAMLER, J. Your heart has nine lives. *Book Rev.* 1108

BLAND, J. H. Clinical metabolism of body water and electrolytes. *Book Rev.* 340

—, and BROWN, E. W. Seronegative and seropositive rheumatoid arthritis: clinical, radiological, and biochemical differences. 88

BOCLES, J. S., EHRENKRANZ, N. J., and MARKS, A. Abnormalities of respiratory function in varicella pneumonia. 183

BOLT, R. J., PARRISH, J. A., FRENCH, A. B., and POLLARD, H. M. Adult coeliac disease: Histologic results of long-term low gluten diet. 581

BOSHELL, B. R., *See* Duke, Boshell, Soteres, and Catt. *Case Stud.* 1040

BOYCE, H. W. *See* Palmer and Boyce. *Book Rev.* 1110

ANNALS OF INTERNAL MEDICINE

AUTHOR INDEX

Volume 60, January–June, 1964

ABRAMOWITZ, S. *See* Leiner, Abramowitz, and Small. 61

ABU-NASSAR, H. J., YOW, E. M., ALEXANDER, J. K., and LEWIS, J. M. Primary staphylococcal pericarditis complicating cardiotomy: a report of a case with a note on intrapericardial methicillin therapy. *Case Stud.* 135

ADAMS, D. A. *See* Maxwell, Adams, and Goldman 539

AEGERTER, E., and KIRKPATRICK, J. A. Orthopedic diseases. Physiology, pathology, radiology. 2nd edition. *Book Rev.* 746

AKGUN, N. *See* Sackner, Akgun, Kimbel, and Lewis. 611

ALEXANDER, J. K. *See* Abu-Nassar, Yow, Alexander, and Lewis. *Case Stud.* 135

ALI, V. M. *See* O'Connell, Karson, Barron, Plaut, and Ali. *Case Stud.* 282

ANACKER, H. *See* Haubrich, Anacker, Heckmann, Schaede, and Stender. *Book Rev.* ... 750

ANDERSON, R. E., HOSHINO, T., and YAMAMOTO, T. Myelofibrosis with myeloid metaplasia in survivors of the atomic bomb in Hiroshima. 1

ANDRIOLE, V. T., BALLAS, M., and WILSON, G. L. The association of nocardiitis and pulmonary alveolar proteinosis: a case study. *Case Stud.* 266

ARNAUD, S. B. *See* Hogan, Soergel, and Arnaud. *Case Stud.* 665

ARTENSTEIN, M. S., CADIGAN, F. C., JR., and BUESCHER, E. L. Epidemic Coxsackie virus infection with mixed clinical manifestations. 196

ASK-UPMARK, E. Bedside medicine: selective topics. *Book Rev.* 932

ATAMER, M. A. Blood diseases. *Book Rev.* ... 936

ATSMON, A., DE VRIES, A., and FRANK, M. Uric acid lithiasis. *Book Rev.* 1110

ATUK, N. O., MOSCA, A., and KUNIN, C. The use of potentially nephrotoxic antibiotics in the treatment of gram-negative infections in uremic patients. 28

AUSTRIAN, R. C., and GOLD, J. Pneumococcal bacteremia with especial reference to bacteremic pneumococcal. 759

BALDUCCI, D. *See* Penso and Balducci. *Book Rev.* 179

BALDUS, W. P., FEICHTER, R. N., SUMMERSKILL, W. H. The kidney in cirrhosis. I. Clinical and biochemical features of azotemia in hepatic failure. 353

—. FEICHTER, R. N., SUMMERSKILL, W. H., HUNT, J. C., and WAKIM, K. G. The kidney in cirrhosis. II. Disorders of renal function. 366

BALL, M. R. *See* Moore, Oleson, McMurrey, Parker, Ball, and Boyden. *Book Rev.* 340

BALLAS, M. *See* Andriole, Ballas, and Wilson. *Case Stud.* 266

BANYAI, A. L., and LEVINE, E. R. Dyspnea: diagnosis and treatment. *Book Rev.* 532

BAUER, H. *See* Bullock, Hall, Spink, Damsky, Greene, Vesley, and Bauer 777

BEALL, A. C., JR., MORRIS, G. C., JR., GARRETT, H. E., HENLY, W. S., HALLMAN, G. L., CRAWFORD, E. S., COOLEY, D. A., and DEBAKEY, M. E. Translumbar aortography: present indications and techniques. 843

BECKMAN, H. (editor). Year book of drug therapy. *Book Rev.* 931

BEESON, P. B. Nocardiosis as a complication of pulmonary alveolar proteinosis. *Edit.* 314

BEHNKE, R. H. *See* Williams, Jr., and Behnke 824

BEISEL, W. R., DIRAIMONDO, V. C., and FORSHAM, P. H. Cortisol transport and disappearance. 641

BELL, H. E. *See* Little and Bell. *Case Stud.* ... 886

BERKSON, D. M. See Kaplan and Berkson. ... 430

BERRY, T. J. The hand as a mirror of systemic disease. *Book Rev.* 346

BEST, C. H. Selected papers of Charles H. Best. *Book Rev.* 173

BIDDLE, M. *See* Weil, Shubin, and Biddle. ... 384

BIRREN, J. E., BUTLER, R. N., GREENHOUSE, S. W., and YARROW, M. R. (editors). Human aging: A biological and behavioral study. *Book Rev.* 747

BLAKESLEE, A., and STAMLER, J. Your heart has nine lives. *Book Rev.* 1108

BLAND, J. H. Clinical metabolism of body water and electrolytes. *Book Rev.* 340

—, and BROWN, E. W. Seronegative and seropositive rheumatoid arthritis: clinical, radiological, and biochemical differences. 88

BOCLES, J. S., EHRENKRANZ, N. J., and MARKS, A. Abnormalities of respiratory function in varicella pneumonia. 183

BOLT, R. J., PARRISH, J. A., FRENCH, A. B., and POLLARD, H. M. Adult coeliac disease: Histologic results of long-term low gluten diet. 581

BOSHELL, B. R., *See* Duke, Boshell, Soteres, and Catt. *Case Stud.* 1040

BOYCE, H. W. *See* Palmer and Boyce. *Book Rev.* 1110

Boyce, W. H. See King and Boyce. *Book Rev.* 745

Boyden, C. M. See Moore, Oleson, McMurtrey, Parker, Ball, and Boyden. *Book Rev.* 340

Braunwald, N. S. *See* Morrow, Harrison, Ross, Jr., Ross, Braunwald, and Clark. *Clin. Staff Con.* 1073

Breckenridge, R. T., and Kellermeyer, R. W. A hemorrhagic syndrome due to dicumarol poisoning masquerading as propylthiouracil sensitivity. *Brief Comm.* 1066

Brill, J. M., and McCarty, D. J., Jr. "Studies on the nature of gouty tophi" by Max Freudweiler. (An inflammatory response to injected sodium urate, 1899). *Med. Hist.* .. 486

Brody, D. A. *See* Copeland, Salky, and Brody. 999

Brown, E. W. *See* Bland and Brown. 88

Brown, R. W. *See* Robinson, Garrison, and Brown. 19

Buescher, E. L. *See* Artenstein, Cadigan, and Bueschet. 196

Bullock, W. E., Hall, J. W., III, Spink, W. W., Damsky, L. J., Greene, V. W., Vesley, D., and Bauer, H. Epidemiologic and clinical studies over one year on a staphylococcal isolation service at the University of Minnesota Hospitals. 777

Burt, V., and Stunkard, A. Body weight and Achilles reflex time. *Brief Com.* 900

Buse, J. *See* Buse, Sibrans, and Buse 857

Buse, M. G., Sibrans, D. F., and Buse, J. Scintillation scanning of kidneys: A pitfall of interpretation in renal insufficiency. 857

Cadigan, F. C., Jr. *See* Artenstein, Cadigan, and Bueschet. 196

Cameron, M. P. *See* de Reuck and Cameron. *Book Rev.* 753

Carbone, P. P., Sabesin, S. M., Sidransky, H., and Frei, E., III. Secondary aspergillosis. .. 556

Carlsen, E. T., Hill, R. B., Jr., and Rowlands, D. T., Jr. Nocarditis and pulmonary alveolar proteinosis. *Case Stud.* 275

Carr, J. H., Jr. See Duke, Boshell, Soteres, and Carr. *Case Stud.* 1040

Carter, R., and Wolf, S. Your food and your health. *Book Rev.* 937

Cartwright, G. E. Diagnostic laboratory hematology. *Book Rev.* 1109

Chapman, C. B. The autonomy of circulatory system. *Med. Hist.* 1069

Cherniack, R. M., and Young, G. An evaluation of ethamivan as a respiratory stimulant in barbiturate intoxication and alveolar hypoventilation in emphysema and obesity. .. 631

—. *See* Lertzman, Frome, Israels, and Cherniack. 409

Chevalier, R. B. *See* Krumholz, Chevalier, and Ross. 603

Christensen, H. N. pH and dissociation: a learning program for students of biological and medical science. *Book Rev.* 341

Christlieb, A. R., Shende, M., and Schuster, M. M. Zollinger-Ellison syndrome: Report of a case supporting a proposed hypothesis of extrapancreatic etiology. *Case Stud.* 1059

Clark, W. D. *See* Morrow, Harrison, Ross, Jr., Ross, Braunwald, and Clark. *Clin. Staff Con.* 1073

Clubb, J. S. *See* Posen, Clubb, Neale, and Hare. *Brief Comm.* 462

Cluff, L. E. *See* Johnson, Perry, Fekety, Kadull, and Cluff. 941

Cole, G. W. *See* Wruble, Cole, Lessner, Haidri, and Kalser. *Case Stud.* 877

Conn, H. F. Current therapy. 1964. *Book Rev.* 1115

Conn, H. O. Spontaneous peritonitis and bacteremia in Laennec's cirrhosis caused by enteric organisms: A relatively common but rarely recognized syndrome. 568

Cooke, W. T. *See* Wilding, Cooke, and Nicholson. *Case Stud.* 1053

Cooley, D. A., *See* Beall, Jr., Morris, Jr., Garrett, Henly, Hallman, Crawford, Cooley, and DeBakey. 843

Coombs, R. R. A. *See* Gell and Coombs. *Book Rev.* 339

Copeland, G. D., Salky, N. C., and Brody, D. A. Bipolar esophageal electrocardiography in unusual cardiac mechanisms. 999

Crawford, E. S. *See* Beall, Jr., Morris, Jr., Garrett, Henly, Hallman, Crawford, Cooley, and DeBakey. 843

Cunningham, D. J., and Lloyd, B. B. (editors). The regulation of human respiration: proceedings of the J. S. Haldane centenary symposium. *Book Rev.* 1109

Czerniak, P. *See* Marberg and Czerniak. 66

Dabney, J. M. Energy balance and obesity. *Rev.* 689

Dalrymple, G. V. *See* Petty and Dalrymple. *Brief Comm.* 898

Damsky, L. J. *See* Bullock, Hall, Spink, Damsky, Greene, Vesley, and Bauer. 777

Daniell, H. W. Vasospastic reaction to methysergide maleate simulating Leriche's syndrome: Ineffective treatment with adrenergic blockade. *Case Stud.* 881

Daniels, G. *See* O'Connor, Daniels, Flood, Karush, Moses, and Stern. 587

DeBakey, M. E. *See* Beall, Jr., Morris, Jr., Garrett, Henly, Hallman, Crawford, Cooley, and DeBakey. 843

De Groot, L. J. *See* Means, De Groot, and Stanbury. *Book Rev.* 742

De Vries, A. *See* Atsmon, De Vries, and Frank. *Book Rev.* 1110

Digg, L. W. *See* Iuchi, I., Diggs, L. W., Upshaw, J. D., Jr. 1022

DiRaimondo, V. C. *See* Beisel, DiRaimondo, and Forsham. 641

Doe, R. P. *See* Lohrenz, Fernandez, and Doe. 990

Donatelli, A. A. *See* Lemann, Jr., and Donatelli. 447

Donoso, E. *See* Master, Lasser, Rosenfeld, and Donoso. *Book Rev.* ... 934
Dorner, R. W. *See* Zuckner, Uddin, Gantner, Jr., and Dorner. ... 436
Dow, P. *See* Hamilton and Dow. *Book Rev.* 1107
Dowling, H. F. Newer respiratory disease viruses. *Edit.* ... 528
Dubin, M. R. *See* Grieco, Dubin, Robinson, and Schwartz. ... 204
Duke, W. W., Boshell, B. R., Soteres, P., and Carr, J. H., Jr. A norepinephrine secreting glomus jugulare tumor presenting as a pheochromocytoma. *Case Stud.* ... 1040

Edreira, J. G. *See* Erenoglu, Edreira, and Patek. ... 814
Edwards, J. E. *See* Stewart, Kincaid, and Edwards. *Book Rev.* ... 748
Ehrenkranz, N. J. *See* Bocles, Ehrenkranz, and Marks. ... 183
Ehrlich, E. N. *See* Frenkel and Ehrlich. ... 971
Elkington, J. R. The hospital. *Edit.* ... 164
—. Moral problems in the use of borrowed organs, artificial and transplanted. *Edit.* .. 309
—, and Huth, E. J. Rheumatic fever and the streptococcus—an elegant inquiry. *Edit.* .. 530
Elliott, F. A. *See* Leonberg, Green, and Elliott. ... 866
Engley, F. B., Jr. Pocket reference guide to microbiology. *Book Rev.* ... 749
Epstein, F. H. *See* Lavietes and Epstein. ... 79
Erenoglu, E., Edreira, J. G. and Patek, A. J., Jr. Observations on patients with Laennec's cirrhosis receiving alcohol while on controlled diets. ... 814
Escamilla, R. F. *See* Storment, Escamilla, and Williams. ... 962

Feasby, W. R. *See* Wrenshall, Hetenyi, Jr., and Feasby. *Book Rev.* ... 174
Fedou, R. Étude ultrastructurale de la cellule acineuse du pancréas humain normal et pathologique. *Book Rev.* ... 745
Fedukowicz, H. B. External infections of the eye, bacterial, viral and mycotic. *Book Rev.* 346
Feichter, R. N. *See* Baldus, Feichter, and Summerskill. ... 353
—. *See* Baldus, Feichter, Summerskill, Hunt, and Wakim. ... 366
Fekety, F. R. *See* Johnson, Perry, Fekety, Kadull, and Cluff. ... 941
Ferguson, J. J. Hormones and macromolecules. *Edit.* ... 925
Fernandez, R. *See* Lohrenz, Fernandez, and Doc. ... 990
Ferrer, M. I. Electrocardiographic notebook. *Book Rev.* ... 934
Fitch, R. F. Mountain sickness. *Case Stud.* .. 871
Flood, C. *See* O'Connor, Daniels, Flood, Karush, Moses, and Stern ... 587
Flynn, R. J. *See* Riley, Smith, and Flynn. *Book Rev.* ... 748
Forsham, P. H. *See* Beisel, DiRaimondo, and Forsham ... 641
Fox, L. M. *See* McGuire and Fox. *Case Stud.* 125
Frank, M. *See* Atsmon, De Vries, and Frank. *Book Rev.* ... 1110
Frei, E., III. *See* Carbone, Sabesin, Sidransky, and Frei ... 556
French, A. B. *See* Bolt, Parrish, French, and Pollard ... 581
Frenkel, E. P. *See* Korst, Frenkel, and Nixon 217
Frenkel, M., and Ehrlich, E. N. The influence of progesterone and mineralocorticoids upon myasthenia gravis. ... 971
Friedman, H. H. Outline of electrocardiography. *Book Rev.* ... 535
Frome, B. M. *See* Lettzman, Frome, Israels, and Cherniack ... 409

Ganong, W. F. Review of medical physiology. *Book Rev.* ... 536
Garland, L. H. *See* Hinshaw and Garland. *Book Rev.* ... 532
Gantner, G. E., Jr. *See* Zuckner, Uddin, Gantner, Jr., and Dorner. ... 436
Gardiner-Hill, H. (editor). Compendium of emergencies. *Book Rev.* ... 345
Garrison, R. G. *See* Robinson, Garrison, and Brown. ... 19
Garrett, H. E. *See* Beall, Jr., Morris, Jr., Garrett, Henly, Hallman, Crawford, Cooley, and DeBakey. ... 843
Gauthier, E. J. Cardiac disease in Friedreich's ataxia. *Case Stud.* ... 892
Geist, H. The psychological aspects of diabetes. *Book Rev.* ... 1112
Gell, P. G., and Coombs, R. R. A. The clinical aspects of immunology. *Book Rev.* 339
Gellis, S. S., and Kagan, B. M. Current pediatric therapy. *Book Rev.* ... 1112
Gold, J. *See* Austrian and Gold. ... 759
Goldman, L. B. Early cancer: prevention, detection, course, and treatment. *Book Rev.* .. 172
Goldman, R. *See* Maxwell, Adams, and Goldman ... 539
Goldstein, M. A., Patpongpanij, N., and Minnich, V. The incidence of elevated hemoglobin A_2 levels in the American Negro. .. 95
Gordon, P. *See* Witorsch and Gordon. ... 957
Gotz, H. *See* Marchionina and Gotz. *Book Rev.* ... 347
Grabar, P., and Miescher, P. (editors). Immunopathology: third international symposium. *Book Rev.* ... 1111
Graham, R. M. The cytological diagnosis of cancer. *Book Rev.* ... 170
Green, D. M. Pre-existing conditions, placebo reactions, and "side effects." ... 255
Green, J. B. *See* Leonberg, Green, and Elliott. 866
Green, J. H. An introduction to human physiology. *Book Rev.* ... 536
Greene, V. W. *See* Bullock, Hall, Spink, Damsky, Greene, Vesley, and Bauer. ... 777

GREENHOUSE, S. W. *See* Birren, Butler, Greenhouse, and Yarrow. *Book Rev.* 747
GRIECO, M. H., DUBIN, M. R., ROBINSON, J. L., and SCHWARTZ, M. J. Penicillin hypersensitivity in patients with bacterial endocarditis. 204
GROSSMAN, M. A. *See* Scheer and Grossman. .. 1009
GROVER, R. F. (editor). Progress in research in emphysema and chronic bronchitis. Vol. I. Normal and abnormal pulmonary circulation. *Book Rev.* 935
GUTCH, C. F., STEVENS, S. C., and WATKINS, F. L. Periodic peritoneal dialysis in chronic renal insufficiency. *Case Stud.* 289
GUYTON, A. C. Circulatory physiology: cardiac output and its regulation. *Book Rev.* 167

HAIDRI, S. Z. *See* Wruble, Cole, Lessner, Haidri, and Kalser. *Case Stud.* 877
HALL, J. W., III. *See* Bullock, Hall, Spink, Damsky, Greene, Vesley, and Bauer. 777
HALLMAN, G. L. *See* Beall, JR., Morris, JR., Garrett, Henly, Hallman, Crawford, Cooley, and DeBakey. 843
HAM, J. C. Acute infectious obstructing bronciolitis: a potentially fatal disease in the adult. 47
HAMILTON, W. F., and DOW, P. (editors). Handbook of physiology: a critical, comprehensive presentation of physiological knowledge and concepts. *Book Rev.* 1107
HAMPERS, C. L., and PRAGER, D. Myoglobinuric myopathy: A clinical, histological, and biochemical study. *Case Stud.* 476
HARE, W. S. *See* Posen, Clubb, Neale, and Hare. *Brief Comm.* 462
HARKAVY, J. Vascular allergy and its systemic manifestations. *Book Rev.* 172
HARRISON, D. C. *See* Morrow, Harrison, Ross, JR., Ross, Braunwald, and Clark. *Clin. Staff Con.* 1073
HAUBRICH, R., ANACKER, H., HECKMANN, K., SCHAEDE, A., and STENDER, H. ST. Klinische Röntgendiagnostik Innerer Krankheiten. *Book Rev.* 750
HECKMANN, K. *See* Haubrich, Anacker, Heckmann, Schaede, and Stender. *Book Rev.* .. 750
HENLY, W. S. *See* Beall, JR., Morris, JR., Garrett, Henly, Hallman, Crawford, Cooley, and DeBakey. 843
HETENYI, G., JR. *See* Wrenshall, Hetenyi, JR., and Feasby. *Book Rev.* 174
HILL, R. B., JR. *See* Carlsen, Hill, and Rowlands. *Case Stud.* 275
HILLS, A. G. Authors, readers, and editors—a postscript. *Brief Comm.* 158
HINSHAW, H. C., and GARLAND, L. H. Diseases of the chest. *Book Rev.* 532
HITZIG, W. H. Die Plasmaproteine in der Klinischen Medizin. (Plasma proteins in clinical medicine.) *Book Rev.* 348
HOGAN, W. J., SOERGEL, K. H., and ARNAUD, S. B. Transient selective vitamin B_{12} malabsorption in an adult. *Case Stud.* 665
HOPPER, J., JR. *See* Yamauchi and Hopper. .. 242
HOSHINO, T. *See* Anderson, Hoshino, and Yamamoto. 1
HOUGIE, C. Fundamentals of blood coagulation in clinical medicine. *Book Rev.* 936
HUMPHREY, J. H., and WHITE, R. G. Immunology for students of medicine. *Book Rev.* 170
HUNT, J. C. *See* Baldus, Feichter, Summerskill, Hunt, and Wakim 366
HUTH, E. J. What has become of the cuspidor? *Edit.* 163
—. *See* Elkington and Huth. *Edit.* 530

ISRAELS, L. G. *See* Lertzman, Frome, Israels, and Cherniack. 409
IUCHI, I., DIGGS, L. W., UPSHAW, J. D., JR. Benzidine-positive pigments in serum of patients with sickle cell anemia during painful crises. 1022

JARNUM, S. Protein-losing gastroenteropathy. *Book Rev.* 744
JEFFRIES, G. H. and SLEISENGER, M. H. Gluten and the pathogenesis of celiac disease. *Edit.* 705
JENSEN, K., and LASSEN, H. C. Fulminating staphylococcal infections treated with Fucidin (R) and penicillin or semisynthetic penicillin. 790
JOHNSON, J. E., III, PERRY, J. E., FEKETY, F. R., KADULL, P. J., and CLUFF, L. E. Laboratory-acquired coccidioidomycosis: a report of 210 cases. 941
JONES, T. E. *See* Wilson and Jones. *Book Rev.* 1115
JULS, K. V. F., and KENNEDY, P. C. Pathology of domestic animals. Vols. I and II. *Book Rev.* 748
JUDGE, R. D., and ZUIDEMA, G. D. Physical diagnosis: A physiological approach. *Book Rev.* 534

KADULL, P. J. *See* Johnson, Perry, Fekety, Kadull, and Cluff. 941
KAGAN, B. M. *See* Gellis and Kagan. *Book Rev.* 1112
KALSER, M. H. *See* Wruble, Cole, Lessner, Haidri, and Kalser. *Case Stud.* 877
KANNEL, W. B. Cigarette smoking and coronary heart disease. *Edit.* 1103
KAPLAN, B. M., and BERKSON, D. M. Serial electrocardiograms after myocardial infarction. 430
KARUSH, A. *See* O'Connor, Daniels, Flood, Karush, Moses, and Stern. 587
KARZON, D. T. *See* O'Connell, Karson, Barron, Plaut, and Ali. *Case Stud.* 282
KATABI, G. *See* Prussin and Katabi. *Case Stud.* 114
KATZ, S. *See* Massaro, Katz, and Sachs. 231
KAYE, R. L., and SONES, D. A. Relapsing polychondritis: Clinical and pathologic features in 14 cases. 653

KEITEL, H. G. The pathophysiology and treatment of body fluid disturbances. *Book Rev.* 339
KELLAR, R. J. Modern trends in obstetrics. *Book Rev.* 349
KELLERMEYER, R. W. *See* Breckenridge and Kellermeyer. *Brief Comm.* 1066
KELLEY, M. L. *See* Samloff, Kelley, Logan, and Terry. *Case Stud.* 673
KENNEDY, P. C. *See* Jubb and Kennedy. *Book Rev.* 748
KIMBEL, P. *See* Sackner, Akgun, Kimbel, and Lewis 611
KINCAID, O. W. *See* Stewart, Kincaid, and Edwards. *Book Rev.* 748
KING, J. S., and BOYCE, W. H. High molecular weight substances in human urine. *Book Rev.* 745
KIRKPATRICK, J. A. *See* Aegerter and Kirkpatrick. *Book Rev.* 746
KIRSNER, J. B. *See* Kurlander and Kirsner 799
KORST, D. R., FRENKEL, E. P., and NIXON, J. C. Multiple myeloma: studies of mouse plasma cell tumor and human myeloma responsiveness to cyclophosphamide (Cytoxan). 217
KRUMHOLZ, R. A., CHEVALIER, R. B., and ROSS, J. C. Cardiopulmonary function in young smokers: A comparison of pulmonary function measurements and some cardiopulmonary responses to exercise between a group of young smokers and a comparable group of nonsmokers. 603
KUNIN, C. *See* Atuk, Mosca, and Kunin 28
KUPPERMAN, H. S. Human endocrinology. Vols. 1, 2, and 3. *Book Rev.* 742
KURLANDER, D. J., and KIRSNER, J. B. The association of chronic "nonspecific" inflammatory bowel disease with lupus erythematosus. 799
KURTSIN, I. T. Effects of ionizing radiation on the digestive system. *Book Rev.* 178

LARKIN, J. C. *See* Phillips and Larkin 401
LASSEN, H. C. *See* Jensen and Lassen. 790
LASSER, R. P. *See* Master, Lasser, Rosenfeld, and Donoso, *Book Rev.* 934
LAVIETES, P. H., and EPSTEIN, F. H. Thyroid therapy of myxedema: a comparison of various agents with a note on the composition of thyroid secretion in man. 79
LEE, Y. *See* Scherlis and Lee. *Case Stud.* 117
LEINER, G. C., ABRAMOWITZ, S., and SMALL, M. J. The vital capacity in pulmonary emphysema. 61
LEMANN, J., JR., and DONATELLI, A. A. Calcium intoxication due to primary hyperparathyroidism: A medical and surgical emergency. 447
LEONARD, J. W. *See* Rosenbaum and Leonard. *Case Stud.* 683
LEONBERG, S. C., JR., GREEN, J. B., and ELLIOTT, F. A. The response of stroke patients to very small doses of parenteral reserpine 866
LERNER, A. M. New viral exanthems. *Edit.* 703
LERTZMAN, M., FROME, B. M., ISRAELS, L. G., and CHERNIACK, R. M. Hypoxia in polycythemia vera. 409
LESSNER, H. E. *See* Wruble, Cole, Lessner, Haidri, and Kaiser. *Case Stud.* 877
LEVIN, J. The incidence and prevention of infection after urethral catheterization: A review. *Rev.* 914
LEVINE, E. R. *See* Banyai and Levine. *Book Rev.* 532
LEWIS, D. H. *See* Sackner, Akgun, Kimbel, and Lewis 611
LEWIS, J. M. *See* Abu-Nassar, Yow, Alexander, and Lewis. *Case Stud.* 135
LEWIS, R. A. Tropical therapeutics: its pharmacological aspects. *Book Rev.* 179
LICHT, S. (editor). Medical hydrology. *Book Rev.* 548
LIKOFF, W. *See* Segal, Likoff, and Moyer. *Book Rev.* 1107
LITTLE, A. S., and BELL, H. E. Painful subcutaneous hemorrhages of the extremities with unusual reaction to injected DNA. *Case Stud.* 886
LLOYD, B. B. *See* Cunningham and Lloyd. *Book Rev.* 1109
LOGAN, V. W. *See* Samloff, Kelley, Logan, and Terry. *Case Stud.* 673
LOHRENZ, F. N., FERNANDEZ, R., and DOE, R. P. Isolated thyrotropin deficiency: review and report of three cases. 990

MAINLAND, D. Elementary medical statistics, 2nd ed. *Book Rev.* 176
MARBERG, K., and CZERNIAK, P. Observations of isotope hepatoscanning in diagnosis and treatment of amoebic liver infection. 66
MARCHIONINA, A., and GOTZ, H. (editors). Handbuch der Haut- und Geschlechtskankheiten die Pilzkrankheiten der Haut Durch Dermatophyten. *Book Rev.* 347
MARKS, A. *See* Bocles, Ehrenkranz, and Marks. 183
MARTI, H. R. Pathologie und Klinik in Einzeldarstellungen Normale und Anomale Menschliche Hämoglobine. *Book Rev.* 1114
MARTZ, B. L. *See* Schumacher, Ridolfo, and Martz. *Case Stud.* 296
MASSARO, D., KATZ, S., and SACHS, M. Choroidal tubercles: a clue to hematogenous tuberculosis. 231
MASTER, A. M., LASSER, R. P., ROSENFELD, L., and DONOSO, E. The electrocardiogram and chest x-ray in diseases of the heart. *Book Rev.* 934
MATTHEWS, W. A. Practical neurology. *Book Rev.* 536
MAXWELL, M. H., ADAMS, D. A., and GOLDMAN, R. Corticosteroid therapy of amyloid nephrotic syndrome. 539
MCCARTY, D. J., JR. *See* Brill and McCarty. *Med. Hist.* 486
MCCLENAHAN, J. Hope. *Edit.* 928

McGuire, L. B., and Fox, L. M. Recurrent pheochromocytoma with recognition of site of metastasis by means of venous catheterization: a case study. *Case Stud.* 125
McHardy, G. G. The medical treatment of peptic ulcer. *Book Rev.* 342
McMenemy, W. H. *See* Schade and McMenemy. *Book Rev.* 344
McMurrey, J. D. *See* Moore, Oleson, McMurrey, Parker, Ball, and Boyden. *Book Rev.* .. 340
Means, J. H., De Groot, L. J., and Stanbury, J. B. The thyroid and its diseases. 3rd edition. *Book Rev.* 742
Meares, A. The management of the anxious patient. *Book Rev.* 343
Merritt, H. H. A textbook of neurology. *Book Rev.* 344
Metcoff, J. (editor). Angiotensin systems and experimental renal diseases. *Book Rev.* 745
Mieschер, P. *See* Graber and Mieschер. *Book Rev.* 1111
Minnich, V. *See* Goldstein, Patpongpanij, and Minnich. 95
Mitchell, C. E. Relapsing pancreatitis with recurrent pericardial and pleural effusions. *Case Stud.* 1047
Montgomery, A. D., and Welbourn, R. B. Clinical endocrinology for surgeons. *Book Rev.* 743
Moore, F. D., Oleson, K. H., McMurrey, J. D., Parker, H. V., Ball, M. R., and Boyden, C. M. The body cell mass and its supporting environment: body composition in health and disease. *Book Rev.* 340
Morris, G. C., Jr. *See* Beall, Jr., Morris, Jr., Garfett, Henly, Hallman, Crawford, Cooley, and DeBakey. 843
Morrow, A. G., Harrison, D. C., Ross, J., Jr., Ross, R. S., Braunwald, N. S., and Clark, W. D. The surgical management of mitral valve disease: a symposium on diagnostic methods, operative techniques, and results: combined clinical staff conference at the National Institutes of Health. *Clin. Staff. Con.* 1073
Morse, D. P. Indications for open-heart surgery. *Book Rev.* 347
Mortimer, E. A., Jr. *See* Rammelkamp, Jr., Mortimer, Jr., and Wolinsky. 753
Mosca, A. *See* Atuk, Mosca, and Kunin. 28
Moseley, J. E. Bone changes in hematologic disorders. *Book Rev.* 346
Moses, L. *See* O'Connor, Daniels, Flood, Karush, Moses, and Stern. 587
Moyer, J. H. *See* Segal, Likoff, and Moyer. *Book Rev.* 1107
Munson, P. L. *See* Tashjian and Munson. *Edit.* 523

Neale, F. C. *See* Posen, Clubb, Neale, and Hare. *Brief Comm.* 462
Needles, R. J. Your heart and common sense. *Book Rev.* 1108
Nicholson, G. I. *See* Wilding, Cooke, and Nicholson. *Case Stud.* 1053
Nixon, J. C. *See* Korst, Frenkel, and Nixon. .. 217
Norris, F. H. The E M G. *Book Rev.* 749
Nowakowski, H. Aldosteron. Neuntes Symposion der Deutschen Gesellschaft fur Endokrinologie in Wiesbaden and Mainz vom 3–5 Mai 1962. *Book Rev.* 750
Nourok, D. S. Familial pheochromocytoma and thyroid carcinoma. *Case Stud.* 1028
Nunes, W. T. A manual of diabetes for the house officer. *Book Rev.* 345

O'Connell, C., Karzon, D. T., Barron, A. L., Plaut, M. E., and Ali, V. M. Progressive vaccinia with normal antibodies: a case possibly due to deficient cellular immunity. *Case Stud.* 282
O'Connor, J. F., Daniels, G., Flood, C., Karush, A., Moses, L., and Stern, L. O. An evaluation of the effects of psychotherapy in the treatment of ulcerative colitis. 587
Oleson, K. H. *See* Moore, Oleson, McMurrey, Parker, Ball, and Boyden. *Book Rev.* 340
Opitz, H., and Schmid, F. (editors). Handbuch der Kinderheilkunde. *Book Rev.* 1113
Osborn, G. R. The incubation period of coronary thrombosis. *Book Rev.* 169

Palmer, E. D., and Boyce, Jr., H. W. Manual of gastrointestinal endoscopy. *Book Rev.* 1110
Parker, H. V. *See* Moore, Oleson, McMurrey, Parker, Ball, and Boyden. *Book Rev.* 340
Parrish, J. A. *See* Bolt, Parrish, French, and Pollard. 581
Patek, A. J., Jr. See Erenoglu, Edreira, and Patek, Jr. 814
Patpongpanij, N. *See* Goldstein, Patpongpanij, and Minnich. 95
Penso, G., and Balducci, D. Tissue culture in biological research. *Book Rev.* 179
Perry, J. E. *See* Johnson, Perry, Fekety, Kadull, and Cluff. 941
Petty, T. L., and Dalrymple, G. V. Inhibition of pyrazinamide hyperuricemia by small doses of acetylsalicylic acid. *Brief Comm.* 898
Phillips, S., and Larkin, J. C. Atypical pulmonary tuberculosis caused by unclassified mycobacteria. 401
Piemme, T. E. Myasthenia gravis and autoimmune disease: review of the literature including a case report of the coexistence of myasthenia and systemic lupus erythematosus. *Case Stud.* 130
Pittman, F. E. The fluorescein string test: An analysis of its use and relationship to barium studies of the upper gastrointestinal tract in 122 cases of gastrointestinal tract hemorrhage. 418
Pittman, J. A. Diagnosis and treatment of thyroid diseases. *Book Rev.* 533

PLASS, H. F. Renal papillary necrosis associated with analgesic abuse. *Case Stud.* 111
PLAUT, M. E. *See* O'Connell, Katzon, Barron, Plaut, and Ali. *Case Stud.* 282
POLLARD, H. M. *See* Bolt, Parrish, French, and Pollard. 581
POPPER, H. *See* Schaffner and Popper. *Book Rev.* 747
POSEN, S., CLUBB, J. S., NEALE, F. C., and HARE, W. S. Mediastinal parathyroid adenoma demonstrated by pneumomediastinography. *Brief Comm.* 462
PRAGER, D. *See* Hampers and Prager. *Case Stud.* 476
PRUSSIN, G., and KATABI, G. Dorsolumbar myelitis following antirabies vaccination with duck embryo vaccine. *Case Stud.* 114

RAMMELKAMP, C. H., JR., MORTIMER, E. A., JR., and WOLINSKY, E. Transmission of streptococcal and staphylococcal infections. 753
RASMUSSEN, H. Effects of calcium upon cellular metabolism. *Edit.* 526
REIMANN, H. A. Periodic diseases. *Book Rev.* 535
REUBI, F. C. Clearance tests in clinical medicine. *Book Rev.* 175
REUTER, H. J. Atlas of urologic endoscopy. *Book Rev.* 1115
REVENO, W. S. and ROSENBAUM, H. Observations on the use of antithyroid drugs. 982
RIDOLFO, A. S. *See* Schumacher, Ridolfo, and Martz. *Case Stud.* 296
RILEY, W. F., JR., SMITH, K. W., and FLYNN, R. J. The yearbook of veterinary medicine. Vol. I. *Book Rev.* 748
ROBINSON, J. L. *See* Grieco, Dubin, Robinson, and Schwartz. 204
ROBINSON, R. G., GARRISON, R. G., and BROWN, R. W. Evaluation of the clinical significance of the genus *Herellea.* 19
ROSENBAUM, E., and LEONARD, J. W. Nutritional iron deficiency anemia in an adult male: Report of a case. *Case Stud.* 683
ROSENBAUM, H. *See* Reveno and Rosenbaum. 982
ROSENFELD, I. *See* Master, Lasser, Rosenfeld, and Donoso. *Book Rev.* 934
ROSS, J., JR. *See* Morrow, Harrison, Ross, Jr., Ross, Braunwald, and Clark. *Clin. Staff Con.* 1073
ROSS, J. C. *See* Krumholz, Chevalier, and Ross. 603
ROSS, R. S. *See* Morrow, Harrison, Ross, Jr., Ross, Braunwald, and Clark. *Clin. Staff Con.* 1073
ROWLANDS, D. T., JR. *See* Carlsen, Hill, Jr., and Rowlands, Jr. *Case Stud.* 275

SABESIN, S. M. *See* Carbone, Sabesin, Sidransky, and Frei. 556
SACHS, M. *See* Massaro, Katz, and Sachs. 231
SACKNER, M. A., ARGUN, N., KIMBEL, P., and LEWIS, D. H. The pathophysiology of scleroderma involving the heart and respiratory system. 611
SALKY, N. C. *See* Copeland, Salky, and Brody. 999
SAMLOFF, I. M., KELLEY, M. L., LOGAN, V. W., and TERRY, R. Severe histopathological lesion of sprue in patient with minimal evidence of malabsorption: Serial jejunal biopsy and clinical observations. *Case Stud.* 673
SANDØE, E. Congenital isolated ventricular septal defect. *Book Rev.* 934
SANFORD, J. P. Hospital-acquired urinary-tract infections. *Rev.* 903
SCHADE, J. P., and MCMENEMEY, W. H. (editors). Selective vulnerability of the brain in hypoxaemia. The council for international organizations of medical sciences. *Book Rev.* 344
SCHAEDE, A. *See* Haubrich, Anacker, Heckmann, Schaede, and Stender. *Book Rev.* ... 750
SCHAFFNER, F., and POPPER, H. Clinico-pathological conferences of the Mount Sinai hospital. *Book Rev.* 747
SCHEER, R. L., and GROSSMAN, M. A. Immune aspects of the glomerulonephritis associated with pulmonary hemorrhage. 1009
SCHENK, E. A. Sickle cell trait and superior, longitudian sinus thrombosis. *Case Stud.* ... 465
SCHERLIS, L., and LEE, Y. Recurrent hypertension in a patient with chronic aortoiliac thrombosis and renal artery obstruction successfully treated on two occasions by partial nephrectomy. *Case Stud.* 117
SCHIMMEL, E. M. The hazards of hospitalization. 100
SCHMID, F. *See* Opitz and Schmid. *Book Rev.* 1113
SCHOEN, R., and SUDHOF, H. (editors). Biochemical findings in the differential diagnosis of internal diseases. *Book Rev.* 342
SCHONNING, S. *See* Tobian, Schonning, and Seefeldt 378
SCHUMACHER, R. R., RIDOLFO, A. S., and MARTZ, B. L. Periodic peritoneal dialysis for chronic renal failure: a case study of sixteen months' duration. *Case Stud.* 296
SCHUSTER, M. M. *See* Christlieb, Schende, and Schuster. *Case Stud.* 1059
SCHWARTZ, M. J. See Grieco, Dubin, Robinson, and Schwartz. 204
SEEFELDT, C. *See* Tobian, Schonning, and Seefeldt 378
SEGAL, B. L., LIKOFF, W., and MOYER, J. H. The theory and practice of auscultation. *Book Rev.* 1107
SHENDE, M. *See* Christlieb, Shende, and Schuster. *Case Stud.* 1059
SHERLOCK, S. Diseases of the liver and biliary system. *Book Rev.* 933
SHILLING, C. W. (editor). Atomic energy encyclopedia in the life sciences. *Book Rev.* 931
SHINE, K. I. *See* Smith and Shine. *Case Stud.* 473
SHUBIN, H. *See* Weil, Shubin, and Biddle 384
SHULMAN, N. R. A mechanism of cell destruction in individuals sensitized to foreign antigens and its implication in auto-immunity. Combined clinical staff conference at the National Institutes of Health. *Clin. Staff Conf.* 506

SIBRANS, D. F. *See* Buse, Sibrans, and Buse ... 857
SIDRANSKY, H. *See* Carbone, Sabesin, Sidransky, and Frei ... 556
SINALY, N. P. Vascular purpura due to colchicine in a patient with gout. *Case Stud.* ... 470
SISSONS, J. A. (editor). Bone metabolism in relation to clinical medicine. Proceedings of a symposium organized by the association of clinical biochemists held in London at the royal college of surgeons. *Book Rev.* .. 746
SLEISENGER, M. H. *See* Jeffries and Sleisenger. *Edit.* ... 705
SMADEL, J. E. *See* Woodward and Smadel. *Rev.* 144
SMALL, M. J. *See* Leiner, Abramowitz, and Small ... 61
SMITH, K. W. *See* Riley, Smith, and Flynn. *Book Rev* ... 748
SMITH, R. F., and SHINE, K. I. Rheumatoid arthritis of the cricoarytenoid joint with ankylosis: A report of a case presenting as a serious medical emergency. *Case Stud.* ... 473
SOERGEL, K. H. *See* Hogan, Soergel, and Arnaud. *Case Stud.* ... 665
SOLOFF, L. A. *See* Sutnick and Soloff. ... 39
SONES, D. A. *See* Kaye and Sones ... 653
SOTERES, P. *See* Duke, Boshell, Soteres, and Catt. *Case Stud.* ... 1040
SPAIN, D. M. The complications of modern medical practices. *Book Rev.* ... 931
SPINK, W. W. *See* Bullock, Hall, Spink, Damsky, Greene, Vesley, and Bauer. ... 777
STAMLER, J. *See* Blakeslee and Stamler. *Book Rev.* ... 1108
STANBURY, J. B. *See* Means, De Groot, and Stanbury. *Book Rev.* ... 742
STENDER, H. ST. *See* Haubrich, Anacker, Heckmann, Schaede, and Stender. *Book Rev.* ... 750
STERN, L. O. *See* O'Connor, Daniels, Flood, Karush, Moses, and Stern ... 587
STEVENS, S. C. *See* Gutch, Stevens, and Watkins. *Case Stud.* ... 289
STEWART, J. R., KINCAID, O. W., and EDWARDS, J. E. An atlas of vascular rings and related malformations of the aortic arch system. *Book Rev.* ... 748
STICKNEY, J. C. *See* van Liere and Stickney. *Book Rev.* ... 935
STORMENT, A., JR., ESCAMILLA, R. F., and WILLIAMS, A. J. The use of androgens and thyroid for stimulation of growth in short children: Effects of bone maturity and linear growth. ... 962
STRAUSS, M. B., and WELT, L. G. (editors). Diseases of the kidney. *Book Rev.* ... 531
STUNKARD, A. *See* Burt, V., and Stunkard, A. *Brief Comm.* ... 900
SUMMERSKILL, W. H. *See* Baldus, Feichter, and Summerskill ... 353
—. *See* Baldus, Feichter, Summerskill, Hunt, and Wakim ... 366
SUTNICK, A. I., SOLOFF, L. A. Atelectasis with pneumonia: a pathophysiologic study. ... 39

TASHJIAN, A. H., JR., and MUNSON, P. L. Assay of human parathyroid hormone. *Edit.* ... 523
TERRY, R. *See* Samloff, Kelley, Logan, and Terry. *Case Stud.* ... 673
TOBIAN, L., SCHONNING, S., and SEEFELDT, C. The influence of arterial presure on the antihypertensive action of a normal kidney, a biological servomechanism. ... 378
TORRANCE, D. J., JR. The chest film in massive pulmonary embolism. *Book Rev.* ... 533
TOWNSEND, J. D. An evaluation of a recent modification of the Watson–Schwartz test for porphobilinogen. *Brief Comm.* ... 306
TREDWAY, J. B. *See* Underhill and Tredway. *Case Stud.* ... 680
TURNER, R. D. (editor). Office urology. *Book Rev.* ... 349

UDDIN, J. *See* Zuckner, Uddin, Gantner, Jr., and Dorner. ... 436
UNDERHILL, W. L., and TREDWAY, J. B. The treatment of paroxysmal ventricular tachycardia with isoproterenol. *Case Stud.* ... 680
UPSHAW, J. D., JR. *See* Iuchi, I., Diggs, L. W., and Upshaw, J. D., Jr. ... 1022

VAN LIERE, E. J., and STICKNEY, J. C. Hypoxia: a detailed review of the effects of oxygen want on the body. *Book Rev.* ... 935
VESLEY, D. *See* Bullock, Hall, Spink, Damsky, Greene, Vesley, and Bauer ... 777

WAGNER, A. F., and FOLKERS, K. Vitamins and coenzymes. *Book Rev.* ... 1114
WAKIM, K. G. *See* Baldus, Feichter, Summerskill, Hunt, and Wakim ... 366
WATKINS, F. L. *See* Gutch, Stevens, and Watkins. *Case Stud.* ... 289
WEIL, M. H., SHUBIN, H., and BIDDLE, M. Shock caused by gram-negative microorganisms: analysis of 169 cases. ... 384
WELBOURN, R. B. *See* Montgomery and Welbourn. *Book Rev.* ... 743
WELT, L. G. *See* Strauss and Welt. *Book Rev.* 531
WHITE, R. G. *See* Humphrey and White. *Book Rev.* ... 170
WILDING, P., COOKE, W. T., and NICHOLSON, G. I. Globulin bound amylase: A cause of persistently elevated levels in serum. *Case Stud.* ... 1053
WILLIAMS, A. J. *See* Storment, Escamilla, and Williams ... 962
WILLIAMS, J. F., JR., and BEHNKE, R. H. The effect of pulmonary emphysema upon cardiopulmonary hemodynamics at rest and during exercise. ... 824
WILSON, C. O., and JONES, T. E. (editors). American drug index. 1964. *Book Rev.* ... 1115
WILSON, G. L. *See* Andriole, Ballas, and Wilson. *Case Stud.* ... 266

WITORSCH, P., and GORDEN, P. Hemophilus aphrophilus endocarditis: report of three cases. 957
WOLF, S. *See* Carter and Wolf. *Book Rev.* ... 937
WOLINSKY, E. *See* Rammelkamp, Jr., Mortimer, Jr., and Wolinsky 753
WOODWARD, E. R. The postgastrectomy syndromes. *Book Rev.* 744
WOODWARD, T. E., and SMADEL, J. E. Management of typhoid fever and its complications. *Rev.* 144
WRENSHALL, G. A., HETENYI, G., JR., and FEASBY, W. R. The story of insulin: 40 years of success against diabetes. *Book Rev.* 174
WRUBLE, L. D., COLE, G. W., LESSNER, H. E., HAIDRI, S. Z., and KALSER, M. H. Evidence for the fundic origin of intrinsic factor: an in vivo study. *Case Stud.* 877

YAMAMOTO, T. *See* Anderson, Hoshino, and Yamamoto 1
YAMAUCHI, H., and HOPPER, J., JR. Hypovolemic shock and hypotension as a complication in the nephrotic syndrome: report of ten cases. 242
YARROW, M. R. *See* Birren, Butler, Greenhouse, and Yarrow. *Book Rev.* 747
YOUNG, G. *See* Cherniack and Young 631
YOW, E. M. *See* Abu-Nassar, Yow, Alexander, and Lewis. *Case Stud.* 135

ZUCKNER, J., UDDIN, J., GANTNER, G. E., JR., and DORNER, R. W. Cholesterol crystals in synovial fluid. 436
ZUIDEMA, G. D. *See* Judge and Zuidema. *Book Rev.* 534

ANNALS OF INTERNAL MEDICINE

SUBJECT INDEX

Volume 60, January–June, 1964

Abstracts, first ACP fall meeting, Nov. 21–23, 1963. 315
— 45th annual session of American College of Physicians. 709
Acetylsalicylic acid, inhibition of pyrazinamide hyperuricemia by small doses. Petty, T. L., and Dalrymple, G. V. *Brief. Comm.* 898
Achilles reflex time, body weight. Burt, V., and Stunkard, A. *Brief Comm.* 900
Acute infectious obstructing bronchiolitis: a potentially fatal disease in the adult. Ham, J. C. 47
Adenoma, mediastinal parathyroid. Posen, S., Clubb, J. S., Neale, F. C., and Hare, W. S. *Brief Comm.* 462
Adult coeliac disease: histologic results of long-term low gluten diet. Bolt, R. J., Parrish, J. A., French, A. B., and Pollard, H. M. 581
Alcohol, given to patients with Laennec's cirrhosis. Erenoglu, E., Edreira, J. G., and Patek, A. J., Jr. 814
Amoebic liver infection, isotope hepatoscanning in diagnosis and treatment. Marberg, K., and Czerniak, P. 66
Amylase, globulin bound, cause of persistently elevated levels in serum. Wilding, P. *Case Stud.* 1053
Amyloid nephrotic syndrome, corticosteroid therapy. Maxwell, M. H., Adams, D. A., and Goldman, Ralph 539
Analgesic abuse, renal papillary necrosis. Plass, H. F. *Case Stud.* 111
Androgens and thyroid for stimulation of growth in short children: effects of bone maturity and linear growth. Storment, A., Jr., Escamilla, R. F., and Williams, A. J. 962
Anemia, nutritional iron deficiency, in an adult male. Rosenbaum, E., and Leonard, J. W. *Case Stud.* 683
— sickle cell, benzidine-positive pigments in serum of patients in painful crises. Iuchi, I., Diggs, L. W., and Upshaw, J. D., Jr. 1022
Ankylosis, with rheumatoid arthritis. Smith, R. F. and Shine, K. I. *Case Stud.* 473
Antibiotics, use of potentially nephrotoxic, in treatment of gram-negative infections in uremic patients. Atuk, N. O., Mosca, A., and Kunin, C. 28
Antibodies, normal with progressive vaccinia. O'Connell, C. J., Karzon, D. T., Barron, A. L., Plaut, M. E., and Ali, V. M. *Case Stud.* 282
Antihypertension, influence of arterial pressure on kidney. Tobian, L., Schonning, S., and Seefeldt, C. 378
Antirabies vaccination, with duck embryo vaccine, followed by dorsolumbar myelitis. Prussin, G., and Katabi, G. *Case Stud.* ... 114
Antithyroid drugs, observations. Reveno, W. S., and Rosenbaum, H. 982
Aortography, translumbar, present indications and techniques. Beall, A. C., Jr., Morris, G. C., Jr., Garrett, H. E., Henly, W. S., Hallman, G. L., Crawford, E. S., Cooley, D. A., and DeBakey, M. E. 843
Arterial pressure, influence on antihypertensive action of a normal kidney, a biological servomechanism. Tobian, L., Schonning, S., and Seefeldt, C. 378
Arthritis, rheumatoid with ankylosis. Smith, R. F., and Shine, K. I. *Case Stud.* 473
— rheumatoid, seronegative and seropositive, clinical, radiological, and biochemical differences. Bland, J. H., and Brown, E. W. 88
Artificial organs, moral problems. Elkington, J. R. *Edit.* 309
Aspergillosis, secondary. Carbone, P. P., Sabesin, S. M., Sidransky, H., and Frei, E., III 556
Ataxia, Friedreich's, cardiac disease. Gauthier, E. J. *Case Stud.* 892
Atelectasis with pneumonia: a pathophysiologic study. Sutnick, A. I., and Soloff, L. A. 39
Authors, readers, and editors—a postscript. Hills, A. G. *Brief Comm.* 158
Auto-immune disease and myasthenia gravis: review of literature including a case report of the coexistence of myasthenia and systemic lupus erythematosus. Piemmi, T. E. *Case Stud.* 130
Auto-immunity, mechanism of cell destruction. Shulman, N. R. *Clin. Staff. Con.* 506
Autonomy of the circulatory system. Chapman, C. B. *Med. Hist.* 1069

Bacterial endocarditis, penicillin sensitivity. Grieco, M. H., Dubin, M. R., Robinson, J. L., and Schwartz, M. J. 204
Bacteremia, pneumococcal, especial reference to bacteremic pneumococcal pneumonia. Austrian, R. C., and Gold, J. 759
Benzidine-positive pigments in serum of sickle cell anemia patients in painful crises. Iuchi, I., Diggs, L. W., and Upshaw, J. D., Jr. ... 1022

Bipolar esophageal electrocardiography in unusual cardiac mechanisms. COPELAND, D. G., SALKY, N. C., and BRODY, D. A. 999
Bowel disease, chronic "nonspecific" inflammatory with lupus erythematosus. KURLANDER, D. J., and KIRSNER, J. B. 799
Body weight and Achilles reflex time. BURT, V., and STUNKARD, A. *Brief Comm.* 900
Bronchiolitis, acute infectious obstructing, potentially fatal disease in adults. HAM, J. C. 47

CALCIUM and cellular metabolism. RASMUSSEN, H. *Edit.* 526
Calcium intoxication due to primary hyperparathyroidism: a medical and surgical emergency. LEMANN, J., JR., and DONATELLI, A. A. 447
Carcinoma, thyroid, and familial pheochromocytoma. NOUROK, D. S. *Case Stud.* 1028
Cardiac disease in Friedreich's ataxia. GAUTHIER, E. J. *Case Stud.* 892
Cardiac mechanisms, esophageal bipolar electrocardiography. COPELAND, D. G., SALKY, N. C., and BRODY, D. A. 999
Cardiopulmonary function in young smokers: comparison of pulmonary function measurements and some cardiopulmonary responses to exercise between a group of young smokers and a comparable group of nonsmokers. KRUMHOLZ, R. A., CHEVALIER, R. B., and ROSS, J. C. 603
Cardiopulmonary hemodynamics, effect of pulmonary emphysema at rest and during exercise. WILLIAMS, J. F., JR., and BEHNKE, R. H. 824
Cardiotomy, primary staphylococcal pericarditis complicated by, intrapericardial methicillin therapy. ABU-NASSAR, H. J., YOW, E. M., ALEXANDER, J. K., and LEWIS, J. M. *Case Stud.* 135
Catheterization, venous, recurrent pheochromocytoma with recognition of site of metastasis. MCGUIRE, L. B., and FOX, L. M. *Case Stud.* 125
Celiac disease, gluten and the pathogenesis. JEFFRIES, G. H., and SLEISENGER, M. H. *Edit.* 705
Cell destruction in individuals sensitized to foreign antigens and its implication in autoimmunity: combined clinical staff conference at the National Institutes of Health. SHULMAN, N. R. *Clin. Staff Con.* 506
Cellular metabolism, effects of calcium upon. RASMUSSEN, H. *Edit.* 526
Cerebral form of mountain sickness. FITCH, R. F. *Case Stud.* 871
Cholesterol crystals in synovial fluid. ZUCKNER, J., UDDIN, J., GANTNER, G. E., JR., and DORNER, R. W. 436
Choroidal tubercles: a clue to hematogenous tuberculosis. MASSARO, D., KATZ, S., and SACHS, M. 231
Cigarette smoking and coronary heart disease. KANNEL, W. B. *Edit.* 1103
Circulatory system, autonomy. CHAPMAN, C. B. *Med. Hist.* 1069
Cirrhosis, azotemia in hepatic failure. BALDUS, W. P., FEICHTER, R. N., and SUMMERSKILL, W. H. 353
— disorders of renal function. BALDUS, W. P., FEICHTER, R. N., SUMMERSKILL, W. H., HUNT, J. C., and WAKIM, K. G. 366
— Laennec's, caused by enteric organisms, spontaneous peritonitis and bacteremia. CONN, H. O. 568
Coccidioidomycosis, laboratory-acquired, report of 210 cases. JOHNSON, J. E., PERRY, J. E., FEKETY, F. R., KADULL, P. J., and CLUFF, L. E. 941
Colchicine, causing vascular purpura in patient with gout. SINALY, N. P. *Case Stud.* .. 470
Colitis, ulcerative, effectiveness of psychotherapy in treatment. O'CONNOR, J. F., DANIEL, F., FLOOD, C., KARUSH, A., MOSES, L., and STERN, L. O. 587
Coronary heart disease, and cigarette smoking. KANNEL, W. B. *Edit.* 1103
Corticosteroid therapy of amyloid nephrotic syndrome. MAXWELL, M. H., ADAMS, D. A., and GOLDMAN, RALPH 539
Cortisol, transport and disappearance. BEISEL, W. R., DIRAIMONDO, V. C., and FORSHAM, P. H. 641
Coxsackie virus infection. ARTENSTEIN, M. S., CADIGAN, F. C., JR., and BUESCHER, E. L. 196
Cricoarytenoid joint, rheumatoid arthritis and ankylosis. SMITH, R. F., and SHINE, K. I. *Case Stud.* 473
Cyclophosphamide (Cytoxan), myeloma responsiveness. KORST, D. R., FRENKEL, E. P., and NIXON, J. C. 217
Cytoxan (cyclophosphamide), myeloma responsiveness. KORST, D. R., FRENKEL, E. P., and NIXON, J. C. 217

DEOXYRIBONUCLEIC acid, unusual reaction to injection, painful subcutaneous hemorrhages of the extremities. LITTLE, A. S., and BELL, H. E. *Case Stud.* 886
Dialysis, periodic peritoneal in renal failure. SCHUMACHER, R. R. RIDOLFO, A. S., and MARTZ, R. L. *Case Stud.* 296
— periodic peritoneal in renal insufficiency. GUTCH, C. F., STEVENS, S. C., and WATKINS, F. L. *Case Stud.* 289
Dicumarol poisoning masquerading as propylthiouracil sensitivity, hemorrhagic syndrome. BRECKENRIDGE, R. T., and KELLERMEYER, R. W. *Brief Comm.* 1066
Diet, histologic results of long-term low-gluten, adult coeliac disease. BOLT, R. J., PARRISH, J. A., FRENCH, A. B., and POLLARD, H. M. 581
Dorsolumbar myelitis following antirabies vaccination with duck embryo vaccine. PRUSSIN, G., and KATABI, G. *Case Stud.* 114

Editors, authors, and readers—a postscript. Hills, A. G. *Brief Comm.* 158
Electrocardiograms, serial, after myocardial infarction. Kaplan, B. M., and Berkson, D. M. 430
Electrocardiography, esophageal, bipolar, in unusual cardiac mechanisms. Copeland, D. G., Salky, N. C., and Brody, D. A. ... 999
Emphysema and obesity, alveolar hypoventilation, evaluation of ethamivan as a respiratory stimulant in barbiturate intoxication. Cherniack, R. M., and Young, G. 631
— pulmonary, effect on cardiopulmonary hemodynamics at rest and during exercise. Williams, J. F., Jr., and Behnke, R. H. ... 824
— pulmonary, vital capacity. Leiner, G. C., Abramowitz, S., and Small, M. J. 61
Endocarditis, bacterial, penicillin sensitivity. Grieco, M. H., Dubin, M. R., Robinson, J. L., and Schwartz, M. J. 204
— hemophilus aphrophilus, report of three cases. Witorsch, P., and Gorden, P. 957
Energy balance and obesity: a short review. Dabney, J. M. *Rev.* 689
Epidemic coxsackie virus infection with mixed clinical manifestations. Artenstein, M. S., Cadigan, F. C., Jr., and Buescher, E. L. ... 196
Epidemiologic and clinical studies over one year on a staphylococcal isolation service at the University of Minnesota hospitals. Bullock, W. E., Hall, J. W., III, Spink, W. W., Damsky, L. J., Greene, V. W., Vesley, D., and Bauer, H. 777
Esophageal electrocardiography, bipolar, in unusual cardiac mechanisms. Copeland, D. G., Salky, N. C., and Brody, D. A. ... 999
Ethamivan, evaluation as a respiratory stimulant in barbiturate intoxication, and alveolar hypoventilation in emphysema and obesity. Cherniak, R. M., and Young, G. 631
Etiology, extrapancreatic, Zollinger-Ellison syndrome, report of a case supporting a proposed hypothesis. Christlieb, R. A., Shende, M., and Schuster, M. M. *Case Stud.* 1059
Exanthems, new viral. Lerner, A. M. *Edit.* .. 703
Extrapancreatic etiology, Zollinger-Ellison syndrome, report of a case supporting a proposed hypothesis. Christlieb, R. A., Shende, M., and Schuster, M. M. *Case Stud.* 1059

Familial pheochromocytoma and thyroid carcinoma. Nourok, D. S. *Case Stud.* 1028
Fluorescin string test: an analysis of its use and relationship to barium studies of the upper gastrointestinal tract in 122 cases of gastrointestinal tract hemorrhage. Pittman, F. E. 418
Freudweiler, Max, "Studies on the nature of gouty tophi." (An inflammatory response to injected sodium urate, 1899.) Brill, J. M., and McCarty, D. J., Jr. *Med. Hist.* 486
Friedreich's ataxia, cardiac disease. Gauthier, E. J. *Case Stud.* 892
Fucidin® and penicillin or semisynthetic penicillin as treatment for fulminating staphylococcal infections. Jensen, K., and Lassen, H. C. 790
Fulminating staphylococcal infections treated with Fucidin® and penicillin or semisynthetic penicillin. Jensen, K., and Lassen, H. C. 790
Function, renal, disorders. Baldus, W. P., Feichter, R. N. Summerskill, W. H., Hunt, J. C., and Wakim, K. G. 366
Fundic origin of intrinsic factor, in vivo study. Wruble, L. D., Cole, G. W., Lessner, H. E., Haidri, S. Z., and Kalser, M. H. *Case Stud.* 877

Gastrointestinal tract, studies with fluorescein string. Pittman, F. E. 418
Globulin bound amylase: a cause of persistently elevated levels in serum. Wilding, P. *Case Stud.* 1053
Glomerulonephritis associated with pulmonary hemorrhage, immune aspects, Scheer, R. L., and Grossman, M. A. 1009
Gluten and the pathogenesis of celiac disease. Jeffries, G. H., and Sleisenger, M. H. *Edit.* 705
Gout, vascular purpura due to colchicine. Sinaly, N. P. *Case Stud.* 470
Gouty tophi (Max Freudweiler, 1899), Brill, J. M., and McCarty, D. J., Jr. *Med Hist.* 486
Gram-negative microorganisms. Weil, M. H., Shubin, H., and Biddle, M. 384

Hemodynamics, cardiopulmonary, effects of pulmonary emphysema while at rest and during exercise. Williams, J. F., Jr., and Behnke, R. H. 824
Hemoglobin A_2 levels, incidence of elevated levels in the American Negro. Goldstein, M. A., Patpongpanij, N., and Minnich, V. 95
Hemophilus aphrophilus endocarditis: report of three cases. Witorsch, P., and Gorden, P. 957
Hemorrhage, painful, subcutaneous, of the extremities with unusual reaction to injected DNA. Little, A. S., and Bell, H. E. *Case Stud.* 886
— pulmonary, immune aspects of glomerulonephritis. Scheer, R. L., and Grossman, M. A. 1009
Hemorrhagic syndrome due to dicumarol poisoning masquerading as propylthiouracil sensitivity. Breckenridge, R. T., and Kellermeyer, R. W. *Brief Comm.* 1066
Hepatoscanning, isotope, in diagnosis and treatment of amoebic liver infection. Marberg, K., and Czerniak, P. 66
Herellea genus, evaluation of clinical significance. Robinson, R. G., Garrison, R. G., and Brown, R. W. 19
Hiroshima, survivors of atomic bomb, myelofibrosis with myeloid metaplasia. Anderson, R. E., Hoshino, T., and Yamamoto, T. 1

Histopathological lesion of sprue in patient with minimal evidence of malabsorption: serial jejunal biopsy and clinical observations. SAMLOFF, I. M., KELLEY, M. L., LOGAN, V. W., TERRY, R. *Case Stud.* 673
Hope. MCCLENAHAN, J. *Edit.* 928
Hormones and macromolecules. FERGUSON, J. J., JR. *Edit.* 925
The hospital. ELKINTON, J. R. *Edit.* 164
Hospital-acquired urinary-tract infections. SANFORD, J. P. *Rev.* 903
Hospitalization, hazards. SCHIMMEL, E. M. .. 100
Hyperparathyroidism, calcium intoxication. LEMANN, J., JR., and DONATELLI, A. A. 447
Hypersensitivity, penicillin with bacterial endocarditis. GRIECO, M. H., DUBIN, M. R., ROBINSON, J. L., and SCHWARTZ, M. J. 204
Hypertension, recurrent in a patient with chronic aortoiliac thrombosis and renal artery obstruction succesfully treated on two occasions by partial nephrectomy. SCHERLIS, L., and LEE, Y. *Case Stud.* 117
Hypotension, hypovolemic shock as a complication in the nephrotic syndrome. YAMAUCHI, H., and HOPPER, J., JR. 242
Hypoventilation in emphysema and obesity, evaluation of ethamivan as a respiratory stimulant in barbiturate intoxication. CHERNIACK, R. M., and YOUNG, G. 631
Hypovolemic shock and hypotension as a complication in the nephrotic syndrome: report of ten cases. YAMAUCHI, H., and HOPPER, J., JR. 242
Hypoxia in polycythemia vera. LERTZMAN, M., FROME, B. M., ISRAELS, L. G. and CHERNIACK, R. M. 409

IMMUNE aspects of the glomerulonephritis associated with pulmonary hemorrhage. SCHEER, R. L., and GROSSMAN, M. A. 1009
Infection, after urethral catheterization, incidence and prevention. LEVIN, J. *Rev.* ... 914
— amoebic liver, diagnosis and treatment, isotope hepatoscanning. MARBERG, K., and CZERNIAK, P. 66
— Coxsackie virus. ARTENSTEIN, M. S., CADIGAN, F. C., JR., and BUESCHER, E. L. 196
— gram-negative, in uremic patients, use of potentially nephrotoxic antibiotics in treatment. ATUK, N. O., MOSCA, A., and KUNIN, C. 28
— staphylococcal and streptococcal, transmission. RAMMELKAMP, C. H., JR., MORTIMER, E. A., JR., and WOLINSKY, E. 753
— staphylococcal, fulminating, treated with Fucidin® and pencillin or semisynthetic penicillin. JENSEN, K., and LASSEN, H. C. .. 790
— urinary-tract, hospital-acquired. SANFORD, J. P. *Rev.* 903
Intoxication, barbiturate, evaluation of ethamivan as a respiratory stimulant, and alveolar hypoventilation in emphysema and obesity. CHERNIACK, R. M., and YOUNG, G. 631
Intrinsic factor, fundic origin, in vivo study. WRUBLE, L. D., COLE, G. W., LESSNER, H. E., HAIDRI, S. Z., and KAUSER, M. H. *Case Stud.* 877
Iron deficiency anemia, nutritional, in an adult male. ROSENBAUM, E., and LEONARD, J. W. *Case Stud.* 683
Isolation service, staphylococcal, epidemiologic and clinical studies over one year, University of Minnesota hospitals. BULLOCK, W. E., HALL, J. W., III, SPINCK, W. W., DAMSKY, L. H., GREENE, V. W., VESLEY, D., and BAUER, H. 777
Isoproterenol, treatment of paroxysmal ventricular tachycardia. UNDERHILL, W. L., and TREDWAY, J. B. *Case Stud.* 680
Isotope hepatoscanning in diagnosis and treatment of amoebic liver infection. MARBERG, K., and CZERNIAK, P. 66

JEJUNAL biopsy, serial, and clinical observations, severe histopathological lesion of sprue in patient with minimal evidence of malabsorption. SAMLOFF, I. M., KELLEY, M. L., LOGAN, V. W., and TERRY, R. *Case Stud.* 673

KIDNEY, arterial pressure on antihypertension. TOBIAN, L., SCHONNING, S., SEEFELDT, C. 378
— in cirrhosis. I. Clinical and biochemical features of azotemia in hepatic failure. BALDUS, W. P., FEICHTER, R. N., and SUMMERSKILL, W. H. 353
— in cirrhosis. II. Disorders of renal function. BALDUS, W. P., FEICHTER, R. N., SUMMERSKILL, W. H., HUNT, J. C., and WAKIM, K. G. 366
— scintillation scanning: a pitfall of interpretation in renal insufficiency. BUSE, M. G., SIBRANS, D. F., and BUSE, J. 857

LABORATORY-ACQUIRED coccidioidomycosis: report of 210 cases. JOHNSON, J. E., PERRY, J. E., FEKETY, F. R., KADULL, P. J., and CLUFF, L. E. 941
Laennec's cirrhosis in patients receiving alcohol while on controlled diets. ERENOGLU, E., EDREIRA, J. G., and PATEK, A. J., JR. 814
Leriche syndrome, simulated by vasospastic reaction to methysergide maleate: ineffective treatment with adrenergic blockade. DANIELL, H. W. *Case Stud.* 881
Liver infection, amoebic, isotop hepatoscanning in diagnosis and treatment. MARBERG, K., and CZERNIAK, P. 66
Low gluten diet, histologic results of long-term, adult coeliac disease. BOLT, R. J., PARRISH, J. A., FRENCH, A. B., and POLLARD, H. M. 581
Lupus erythematosus, association with chronic "nonspecific" inflammatory bowel disease. KURLANDER, D. J., and KIRSNER, J. B. 799

Macromolecules, and hormones. Ferguson, J. J., Jr. *Edit.* ... 925
Malabsorption, severe histopathological lesion of sprue, serial jejunal biopsy and clinical observations. Samloff, I. M., Kelley, M. L., Logan, V. W., and Terry, R. *Case Stud.* ... 673
— vitamin B_{12}, transient and selective, in an adult. Hogan, W. J., Soergel, K. H., and Arnaud, S. B. *Case Stud.* ... 665
Mediastinal parathyroid adenoma demonstrated by pneumomediastinography. Posen, S., Clubb, J. S., Neale, F. C., and Hare, W. S. *Brief Comm.* ... 462
Metabolism, cellular and calcium effects. Rasmussen, H. *Edit.* ... 526
Metaplasia, myeloid, myelofibrosis, in survivors of atomic bomb in Hiroshima. Anderson, R. E., Hoshino, T., and Yamamoto, T. 1
Metastasis, recurrent pheochromocytoma with recognition of site, by venous catheterization. McGuire, L. B., and Fox, L. M. *Case Stud.* ... 125
Methicillin, intrapericardial therapy, primary staphylococcal pericarditis complicating cardiotomy. Abu-Nassar, H. J., Yow, E. M., Alexander, J. K., and Lewis, J. M. *Case Stud.* ... 135
Methysergide maleate, vasospastic reaction simulating Leriche syndrome, ineffective treatment with adrenergic blockade. Daniell, H. W. *Case Stud.* ... 881
Microorganisms, gram-negative. Weil, M. H., Shubin, H., and Biddle, M. ... 384
Mineralocorticoids and progesterone, influence on myasthenia gravis. Frenkel, M., and Ehrlich, E. N. ... 971
Mitral valve disease, surgical management, symposium on diagnostic methods, operative techniques and results. Morrow, A. G., Harrison, D. C., Ross, J., Jr., Ross, R. S., Braunwald, N. S., and Clark, W. D. *Clin. Staff Conf.* ... 1073
Moral problems in the use of borrowed organs, artificial and transplanted. Elkinton, J. R. *Edit.* ... 309
Mountain sickness: a cerebral form. Fitch, R. F. *Case Stud.* ... 871
Multiple myeloma: studies of mouse plasma cell tumor and human myeloma responsiveness to cyclophosphamide (Cytoxan). Korst, D. R., Frenkel, E. P., and Nixon, J. C. ... 217
Myasthenia gravis and auto-immune disease: review of literature including a case report of the coexistence of myasthenia and systemic lupus erythematosus. Piemme, T. E. *Case Stud.* ... 130
— influence of mineralocorticoids and progesterone. Frenkel, M., and Ehrlich, E. N. 971
Mycobacteria, causing pulmonary tuberculosis. Phillips, S., and Larkin, J. C., Jr. ... 401
Myelitis, dorsolumbar, after antirabies vaccination with duck embryo vaccine. Prussin, G., and Katabi, G. *Case Stud.* ... 114
Myelofibrosis with myeloid metaplasia in survivors of the atomic bomb in Hiroshima. Anderson, R. E., Hoshino, T., and Yamamoto, T. ... 1
Myeloma, studies of responsiveness to cyclophosphamide (Cytoxan). Korst, D. R., Frenkel, E. P., and Nixon, J. C. ... 217
Myocardial infarction, serial electrocardiograms. Kaplan, B. M., and Berkson, D. M. 430
Myoglobinuric myopathy: a clinical, histological, and biochemical study. Hampers, C. L., and Prager, D. *Case Stud.* ... 476
Myopathy, myoglobinuric. Hampers, C. L., and Prager, D. *Case Stud.* ... 476
Myxedema, thyroid therapy, comparison of various agents with a note on the composition of thyroid secretion in man. Lavietes, P. H., and Epstein, F. H. ... 79

Necrosis, renal papillary, associated with analgesic abuse. Plass, H. F. *Case Stud.* 111
Negro, American, elevated hemoglobin A_2 levels. Goldstein, M. A., Patpongpanij, N., and Minnich, V. ... 95
Nephrectomy, partial, recurrent hypertension in patient with chronic aortoiliac thrombosis and renal artery obstruction. Scherlis, L., and Lee, Y. *Case Stud.* ... 117
Nephrotic syndrome, amyloid, corticosteroid therapy. Maxwell, M. H., Adams, D. A., and Goldman, Ralph. ... 539
— hypovolemic shock and hypotension as complications. Yamauchi, H., and Hopper, J., Jr. ... 242
Nocardiosis as a complication of pulmonary alveolar proteinosis. Beeson, P. B. *Edit.* ... 314
— and pulmonary alveolar proteinosis. Carlsen, E. T., Hill, R. B., Jr., and Rowlands, D. T., Jr. *Case Stud.* ... 275
— and pulmonary alveolar proteinosis. Andriole, V. T., Ballas, M., and Wilson, G. L. *Case Stud.* ... 266
Nonsmokers, comparison of pulmonary function measurements and some cardiopulmonary responses to exercise between groups of young smokers and nonsmokers, cardiopulmonary function in young smokers. Krumholz, R. A., Chevalier, R. B., and Ross, J. C. ... 603
Norepinephrine secreting glomus jugulare tumor presenting as a pheochromocytoma. Duke, W. W., Boshell, B. R., Soteres, P., and Carr, J. H., Jr. *Case Stud.* ... 1040
Nutritional iron deficiency anemia in an adult male. Rosenbaum, E., and Leonard, J. W. *Case Stud.* ... 683

Obesity and emphysema, alveolar hypoventilation in, evaluation of ethamivan as a respiratory stimulant in barbiturate intoxication. Cherniack, R. M., and Young, G. 631
— energy balance, short review. Dabney, J. M. *Rev.* ... 689

Organs, artificial and transplanted, moral problems. ELKINTON, J. R. *Edit.* 309

PANCREATITIS, relapsing, with recurrent pericardial and pleural effusions. MITCHELL, C. E. *Case Stud.* 1047
Parathyroid, assay. TASHJIAN, A. H., JR., and MUNSON, P. L. *Edit.* 523
Parenteral reserpine, response of stroke patients to very small doses. LEONBERG, S. C., JR., GREEN, J. B., and ELLIOTT, F. A. 866
Paroxysmal ventricular tachycardia, treatment with isoproterenol. UNDERHILL, W. L., and TREDWAY, J. B. *Case Stud.* 680
Pathophysiology of scleroderma involving the heart and respiratory system. SACKNER, M. A., ARGUN, N., KIMBEL, P., and LEWIS, D. H. 611
Penicillin hypersensitivity in patients with bacterial endocarditis. GRIECO, M. H., DUBIN, M. R., ROBINSON, J. L., and SCHWARTZ, M. J. 204
— semisynthetic penicillin, and Fucidin® as treatment for fulminating staphylococcal infections. JENSEN, K., and LASSEN, H. C. ... 790
Pericarditis, primary staphylococcal, complicating cardiotomy, intrapericardial methicillin therapy. ABU-NASSAR, H. J., YOW, E. M., ALEXANDER, J. K., and LEWIS, J. M. *Case Stud.* 135
Periodic peritoneal dialysis for renal failure: a case study of sixteen months' duration. SCHUMACHER, R. R., RIDOLFO, A. S., and MARTZ, R. L. *Case Stud.* 296
— peritoneal dialysis in chronic renal insufficiency. GUTCH, C. F., STEVENS, S. C., and WATKINS, F. L. *Case Stud.* 289
Peritonitis and bacteremia, spontaneous, in Laennec's cirrhosis caused by enteric organisms. CONN, H. O. 568
Pheochromocytoma, familial, and thyroid carcinoma. NOUROK, D. S. *Case Stud.* 1028
— norepinephrine secreting glomus jugulare tumor. DUKE, W. W., BOSHELL, B. R., SOTERES, P., and CARR, J. H., JR. *Case Stud.* 1040
— recurrent, with recognition of site of metastasis by venous catheterization. MCGUIRE, L. B., and FOX, L. M. *Case Stud.* 125
Pigments, benzidine-positive, in serum of sickle cell anemia patients in painful crises. IUCHI, I., DIGGS, L. W., and UPSHAW, J. D., JR. 1022
Placebo reactions. GREEN, D. M. 255
Pneumococcal bacteremia with especial reference to bacteremic pneumococcal pneumonia. AUSTRIAN, R. C., and GOLD, J. 759
Pneumomediastinography, parathyroid adenoma. POSEN, S., CLUBB, J. S., NEALE, F. C., and HARE, W. S. *Brief Comm.* 462
Pneumonia, atelectasis with, pathophysiologic study. SUTNICK, A. I., and SOLOFF, L. A. .. 39
— bacteremic pneumococcal. AUSTRIAN, R. C., and GOLD, J. 759
—varicella, abnormalities of respiratory function. BOCLES, J. S., EHRENKRANZ, N. J., and MARKS, A. 183
Polychondritis, relapsing, clinical and pathologic features in fourteen cases. KAYE, R. L., and SONES, D. A. 653
Polycythemia vera, hypoxia. LERTZMAN, M., FROME, B. M., ISRAELS, L. G., and CHERNIACK, R. M. 409
Porphobilinogen, Watson–Schwartz test. TOWNSEND, J. D. *Brief Comm.* 306
Pre-existing conditions, placebo reactions, and "side effects." GREEN, D. M. 255
Primary staphylococcal pericarditis complicating cardiotomy: report of a case with intrapericardial methicillin therapy. ABU-NASSAR, H. J., YOW, E. M., ALEXANDER, J. K., and LEWIS, J. M. *Case Stud.* 135
Progesterone and mineralocorticoids, influence on myasthenia gravis. FRENKEL, M., and EHRLICH, E. N. 971
Progressive vaccinia with normal antibodies: a case possibly due to deficient cellular immunity. O'CONNELL, C. J., KARZON, D. T., BARRON, A. L., PLAUT, M. E., and ALI, V. M., *Case Stud.* 282
Propylthiouracil sensitivity, hemorrhagic syndrome due to dicumarol poisoning. BRECKENRIDGE, R. T., and KELLERMEYER, R. W. *Brief Comm.* 1066
Proteinosis, pulmonary alveolar, and nocardiosis. ANDRIOLE, V. T., BALLAS, M., and WILSON, G. L. *Case Stud.* 266
—pulmonary alveolar, nocardiosis as a complication. BEESON, P. B. *Edit.* 314
— pulmonary alveolar, and nocardiosis. CARLSEN, E. T., HILL, R. B., JR., and ROWLANDS, D. T., JR. *Case Stud.* 275
Psychotherapy in treatment of ulcerative colitis, evaluation of effectiveness. O'CONNOR, J. F., DANIELS, G., FLOOD, C., KARUSH, A., MOSES, L., and STERN, L. O. 587
Pulmonary emphysema, effect on cardiopulmonary hemodynamics at rest and during exercise. WILLIAMS, J. F., JR., and BEHNKE, R. H. 824
— hemorrhage, immune aspects of glomerulonephritis. SCHEER, R. L., and GROSSMAN, M. A. 1009
— proteinosis, association with nocardiosis. ANDRIOLE, V. T., BALLAS, M., and WILSON, G. L. *Case Stud.* 266
— tuberculosis, atypical, caused by unclassified mycobacteria. PHILLIPS, S., and LARKIN, J. C., JR. 401
Pyrazinamide hyperuricemia, inhibition by small doses of acetylsalicylic acid. PETTY, T. L., and DALRYMPLE, G. V. *Brief Comm.* 898

READERS, authors, and editors—a postscript. HILLS, A. G. *Brief Comm.* 158
Renal failure, periodic peritoneal dialysis. SCHUMACHER, R. R., RIDOLFO, A. S., and MARTZ, B. L. *Case Stud.* 296

— insufficiency, periodic peritoneal dialysis. GUTCH, C. F., STEVENS, S. C., and WATKINS, F. L. *Case Stud.* 289
— insufficiency, scintillation scanning of kidneys, a pitfall of interpretation. BUSE, M. G., SIBRANS, D. F., and BUSE, J. 857
— papillary necrosis associated with analgesic abuse, PLASS, H. F. *Case Stud.* 111
Reserpine, parenteral, response of stroke patients to very small doses. LEONBERG, S. C., JR., GREEN, J. B., and ELLIOTT, F. A. 866
Respiratory diseases, newer. DOWLING, H. F. *Edit.* 528
Respiratory function, abnormalities in varicella pneumonia. BOCLES, J. S., EHRENKRANZ, N. J., and MARKS, A. 183
Rheumatic fever and its prophylaxis—an elegant inquiry. ELKINTON, J. R., and HUTH, E. J. *Edit.* 530
Rheumatoid arthritis of the cricoarytenoid joint with ankylosis: a report of a case presenting as a serious medical emergency. SMITH, R. F., and SHINE, K. I. *Case Stud.* .. 473

SCANNING, scintillation, of kidneys, a pitfall of interpretation in renal insufficiency. SIBRANS, D. F., and BUSE, J. 857
Scintillation scanning of kidneys; a pitfall of interpretation in renal insufficiency. BUSE, M. G., SIBRANS, D. F., and BUSE, J. 857
Scleroderma, pathophysiology, involving the heart and respiratory system. SACKNER, M. A., AKGUN, N., KIMBEL, P., and LEWIS, D. H. 611
Secondary aspergillosis. CARBONE, P. P., SABESIN, S. M., SIDRANSKY, H., and FREI, E., III 556
Serial electrocardiograms after myocardial infarction. KAPLAN, B. M., and BERKSON, D. M. 430
Seronegative and seropositive rheumatoid arthritis: clinical, radiological, and biochemical differences. BLAND, J. H., and BROWN, E. W. 88
Serum, elevated levels, caused by globulin bound amylase. WILDING, P. *Case Stud.* .. 1053
Shock caused by gram-negative microorganisms: analysis of 169 cases. WEIL, M. H., SHUBIN, H., and BIDDLE, M. 384
— hypovolemic, and hypotension as a complication in the nephrotic syndrome. YAMAUCHI, H., and HOPPER, J., JR. 242
Sickle cell anemia, benzidine-positive pigments in serum of patients in painful crises. IUCHI, I., DIGGS, L. W., and UPSHAW, J. D., JR. 1022
— trait and superior, longitudinal sinus thrombosis. SCHENK, E. A. *Case Stud.* 465
"Side effects." GREEN, D. M. 255
Smokers, young, cardiopulmonary function in, comparison of pulmonary function measurements and some cardiopulmonary responses to exercise between a group of young smokers and a comparable group of nonsmokers. KRUMHOLZ, R. A., CHEVALIER, R. B., and ROSS, J. C. 603
Spontaneous peritonitis and bacteremia in Laennec's cirrhosis caused by enteric organisms: a relatively common but rarely recognized syndrome. CONN, H. O. 568
Spruce, severe histopathological lesion, in patient with minimal evidence of malabsorption: serial jejunal biopsy and clinical observations. SAMLOFF, I. M., KELLEY, M. L., LOGAN, V. W., and TERRY, R. *Case Stud.* ... 673
Staphylococcal infections, fulminating, treated with Fucidin® and penicillin or semisynthetic penicillin. JENSEN, K., and LASSEN, H. C. 790
— infections, and streptococcal, transmission. RAMMELKAMP, C. H., JR., MORTIMER, E. A., JR., and WOLINSKY, E. 753
— isolation service, epidemiologic and clinical studies over one year, University of Minnesota hospitals. BULLOCK, W. E., HALL, J. W., III, SPINK, W. W., DAMSKY, L. J., GREENE, V. W., VESLEY, D., and BAUER, H. 777
Streptococcal infection, and staphylococcal, transmission. RAMMELKAMP, C. H., JR., MORTIMER, E. A., JR., and WOLINSKY, E. 753
Stroke, response of patients to very small doses of parenteral reserpine. LEONBERG, S. C., JR., GREEN, J. B., and ELLIOTT, F. A. 866
Subcutaneous hemorrhages of the extremities with unusual reaction to injected DNA. LITTLE, A. S., and BELL, H. E. *Case Stud.* .. 886
Surgical management of mitral valve disease: symposium on diagnostic methods, operative techniques and results. MORROW, A. G., HARRISON, D. C., ROSS, J., JR., ROSS, R. S., BRAUNWALD, N. S., and CLARK, W. D. *Clin. Staff Conf.* 1073
Synovial fluid, cholesterol crystals. ZUCKNER, J. UDDIN, J., GANTNER, G. E., JR., and DORNER, R. W. 436

TACHYCARDIA, paroxysmal ventricular, treatment with isoproterenol. UNDERHILL, W. L., and TREDWAY, J. B. *Case Stud.* 680
Test, fluorescein string. PITTMAN, F. E. 418
Therapy, corticosteroid, of amyloid nephrotic syndrome. MAXWELL, M. H., ADAMS, D. A., and GOLDMAN, RALPH 539
— effectiveness of psychotherapy in treatment of ulcerative colitis. O'CONNOR, J. F., DANIELS, G., FLOOD, C., KARUSH, A., MOSES, L., and STERN, L. O. 587
Thrombosis, chronic aortoiliac, and renal artery obstruction in a patient with recurrent hypertension successfully treated on two occasions by partial nephrectomy. SCHERLIS, L., and LEE, Y. *Case Stud.* 117
— sinus and sickle cell trait. SCHENK, E. A. *Case Stud.* 465
Thyroid and androgen stimulation of growth in short children, effects of bone maturity and linear growth. STORMENT, A., JR., ESCAMILLA, R. F., and WILLIAMS, A. J. 962

— therapy of myxedema: comparison of various agents, composition of thyroid secretion in man. LAVIETES, P. H., and EPSTEIN, F. H. 79
Thyrotropin, isolated deficiency, review and report of three cases. LOHRENZ, F. N., FERNANDEZ, R., and DOE, R. P. 990
Translumbar aortography; present indications and techniques. BEALL, A. C., JR., MORRIS, G. C., JR., GARRETT, H. E., HENLY, W. S., HALLMAN, G. L., CRAWFORD, E. S., COOLEY, D. A., and DEBAKEY, M. E. 843
Transmission of streptococcal and staphylococcal infections. RAMMELKAMP, C. H., JR., MORTIMER, E. A., JR., and WOLINSKY, E. 753
Transport and disappearance of cortisol. BEISEL, W. R., DIRAIMONDO, V. C., and FORSHAM, P. H. 641
Tubercles, choroidal, a clue to hematogenous tuberculosis. MASSARO, D., KATZ, S., and SACHS, M. 231
Tuberculosis, hematogenous, choroidal tubercles as a clue. MASSARO, D., KATZ, S., and SACHS, M. 231
— pulmonary, caused by mycobacteria. PHILLIPS, S., and LARKIN, J. C., JR. 401
Tumor, norepinephrine secreting glomus jugulare, presenting as a pheochromocytoma. DUKE, W. W., BOSHELL, B. R., SOTERES, P., and CARR, J. H., JR. *Case Stud.* 1040
Typhoid fever, management, complications. WOODWARD, T. E., and SMADEL, J. E. *Rev.* 144

UREMIA, use of potentially nephrotoxic antibiotics in treatment of gram-negative infections. ATUK, N. O., MOSCA, A., and KUNIN, C. 28
Urethral catheterization, incidence and prevention of infection. LEVIN, J. *Rev.* 914
Urinary-tract infections, hospital-acquired. SANFORD, J. P. *Rev.* 903

VACCINATION, antirabies, with duck embryo vaccine, followed by dorsolumbar myelitis. PRUSSIN, G., and KATABI, G. *Case Stud.* 114
Vaccinia, progressive, possibly due to deficient cellular immunity. O'CONNELL, C. J., KARZON, D. T., BARRON, A. L., PLAUT, M. E., and ALI, V. M. *Case Stud.* 282
Vascular purpura due to cholchicine in a patient with gout. SINALY, N. P. *Case Stud.* .. 470
Vasospastic reaction to methysergide maleate simulating Leriche syndrome: ineffective treatment with adrenergic blockade. DANIELL, H. W. *Case Stud.* 881
Viral exanthems, new. LERNER, A. M. *Edit.* .. 703
Viruses, respiratory disease. DOWLING, H. F. *Edit.* 528
Vital capacity in pulmonary emphysema. LEINER, G. C., ABRAMOWITZ, S., and SMALL, M. J. 61
Vitamin B_{12} malabsorption, transient selective, in an adult. HOGAN, W. J., SOERGEL, K. H., and ARNAUD, S. B. *Case Stud.* 665

WATSON-SCHWARTZ test for porphobilinogen. TOWNSEND, J. D. *Brief Comm.* 306
What has become of the cuspidor? HUTH, E. J. *Edit.* 163

ZOLLINGER-ELLISON syndrome: report of a case supporting a proposed hypothesis of extrapancreatic etiology. CHRISTLIEB, R. A., SHENDE, M., and SCHUSTER, M. M. *Case Stud.* 1059

ANNALS

OF

INTERNAL

MEDICINE

J. RUSSELL ELKINTON, Editor

EDWARD J. HUTH, Assistant Editor

VOLUME 60

(OLD SERIES, VOLUME LXIV)

January to June, 1964

LANCASTER PRESS, INC., LANCASTER, PA.

CONTENTS

NUMBER 1, JANUARY, 1964

Myelofibrosis with Myeloid Metaplasia in Survivors of the Atomic Bomb in Hiroshima. *R. E. Anderson, Takashi Hoshino, and Tsutomu Yamamoto* 1

Evaluation of the Clinical Significance of the Genus *Herellea*. *R. G. Robinson, R. G. Garrison, and R. W. Brown* 19

The Use of Potentially Nephrotoxic Antibiotics in the Treatment of Gram-negative Infections in Uremic Patients. *N. O. Atuk, Alfon Mosca, and Calvin Kunin* 28

Atelectasis with Pneumonia: A Pathophysiologic Study. *A. I. Sutnick and L. A. Soloff* . 39

Acute Infectious Obstructing Bronchiolitis: A Potentially Fatal Disease in the Adult. *J. C. Ham* 47

The Vital Capacity in Pulmonary Emphysema. *G. C. Leiner, Sol Abramowitz, and M. J. Small* 61

Observations of Isotope Hepatoscanning in Diagnosis and Treatment of Amoebic Liver Infection. *Kurt Marberg and Pinchas Czerniak* 66

Thyroid Therapy of Myxedema: A Comparison of Various Agents with a Note on the Composition of Thyroid Secretion in Man. *P. H. Lavietes and F. H. Epstein* ... 79

Seronegative and Seropositive Rheumatoid Arthritis: Clinical, Radiological, and Biochemical Differences. *J. H. Bland and E. W. Brown* 88

The Incidence of Elevated Hemoglobin A_2 Levels in the American Negro. *M. A. Goldstein, Nongnuch Patpongpanij, and Virginia Minnich* 95

The Hazards of Hospitalization. *E. M. Schimmel* 100

Case Studies:

Renal Papillary Necrosis Associated with Analgesic Abuse. *H. F. Plass* 111

Dorsolumbar Myelitis Following Antirabies Vaccination with Duck Embryo Vaccine. *George Prussin and Ghazi Katabi* 114

Recurrent Hypertension in a Patient with Chronic Aortoiliac Thrombosis and Renal Artery Obstruction Successfully Treated on Two Occasions by Partial Nephrectomy. *Leonard Scherlis and Yu-Chen Lee* 117

Recurrent Pheochromocytoma with Recognition of Site of Metastasis by Means of Venous Catheterization: A Case Study. *L. B. McGuire and L. M. Fox* 125

Myasthenia Gravis and Auto-immune Disease: Review of the Literature Including a Case Report of the Coexistence of Myasthenia and Systemic Lupus Erythematosus. *T. E. Piemme* 130

Primary Staphylococcal Pericarditis Complicating Cardiotomy: A Report of a Case with a Note on Intrapericardial Methicillin Therapy. *H. J. Abu-Nassar, E. M. Yow, J. K. Alexander, and J. M. Lewis* 135

Review Article:

Management of Typhoid Fever and Its Complications. *T. E. Woodward and J. E. Smadel* 144

Brief Communication:

Authors, Readers, and Editors—A Postscript. *A. Gorman Hills* 158

Acknowledgment 160

Editorials:

What Has Become of the Cuspidor? *E. J. Huth* 163

The Hospital. *J. R. Elkinton* 164

Books ..... 167 Medical News i

Program, 45th Annual Session, Atlantic City, New Jersey xii

PART I

NUMBER 2, FEBRUARY, 1964

Abnormalities of Respiratory Function in Varicella Pneumonia. *Jose S. Bocles, N. Joel Ehrenkranz, and Asher Marks* 183

Epidemic Coxsackie Virus Infection with Mixed Clinical Manifestations. *Malcolm S. Artenstein, Francis C. Cadigan, Jr., and Edward L. Buescher* 196

Penicillin Hypersensitivity in Patients with Bacterial Endocarditis. *Michael H. Grieco, Michael R. Dubin, John L. Robinson, and Miles J. Schwartz* 204

Multiple Myeloma: Studies of Mouse Plasma Cell Tumor and Human Myeloma Responsiveness to Cyclophosphamide (Cytoxan). *Donald R. Korst, Eugene P. Frenkel, and John C. Nixon* 217

Choroidal Tubercles: A Clue to Hematogenous Tuberculosis. *Donald Massaro, Sol Katz, and Murray Sachs* 231

Hypovolemic Shock and Hypotension as a Complication in the Nephrotic Syndrome: Report of Ten Cases. *Hiroshi Yamauchi and James Hopper, Jr.* 242

Pre-Existing Conditions, Placebo Reactions, and "Side Effects." *D. M. Green* 255

Case Studies:

The Association of Nocardiosis and Pulmonary Alveolar Proteinosis: A Case Study. *Vincent T. Andriole, Maurice Ballas, and George L. Wilson* 266

Nocardiosis and Pulmonary Alveolar Proteinosis. *Erik T. Carlsen, Rolla B. Hill, Jr., and David T. Rowlands, Jr.* 275

Progressive Vaccinia with Normal Antibodies: A Case Possibly Due to Deficient Cellular Immunity. *Cornelius J. O'Connell, David T. Karzon, Almen L. Barron, Martin E. Plaut, and Vilayat M. Ali* 282

Periodic Peritoneal Dialysis in Chronic Renal Insufficiency. *C. F. Gutch, S. C. Stevens, and F. L. Watkins* 289

Periodic Peritoneal Dialysis for Chronic Renal Failure: A Case Study of Sixteen Months' Experience. *R. R. Schumacher, A. S. Ridolfo, and B. L. Martz* .. 296

Brief Communication:

An Evaluation of a Recent Modification of the Watson-Schwartz Test for Porphobilinogen. *James D. Townsend* 306

Editorials:

Moral Problems in the Use of Borrowed Organs, Artificial and Transplanted 309

Nocardiosis as a Complication of Pulmonary Alveolar Proteinosis. *Paul B. Beeson* 314

Abstracts, The First Fall Meeting of the American College of Physicians 315

Books ..... 339 Medical News xxxi

PART II

NUMBER 2, FEBRUARY, 1964

Supplement 5:
Rheumatic Fever in Children and Adolescents 1–129

NUMBER 3, MARCH, 1964

The Kidney in Cirrhosis. I. Clinical and Biochemical Features of Azotemia in Hepatic Failure. *W. P. Baldus, R. N. Feichter, and W. H. Summerskill* 353

The Kidney in Cirrhosis. II. Disorders of Renal Function. *W. P. Baldus, R. N. Feichter, W. H. Summerskill, J. C. Hunt, and K. G. Wakim* 366

The Influence of Arterial Pressure on the Antihypertensive Action of a Normal Kidney, A Biological Servomechanism. *Louis Tobian, Sandra Schonning, and Carol Seefeldt* 378

Shock Caused by Gram-negative Microorganisms: Analysis of 169 Cases. *M. H. Weil, Herbert Shubin, and Marjorie Biddle* 384

Atypical Pulmonary Tuberculosis Caused by Unclassified Mycobacteria. *Samuel Phillips and J. C. Larkin* 401

Hypoxia in Polycythemia Vera. *M. Lertzman, B. M. Frome, L. G. Israels, and R. M. Cherniack* 409

The Fluorescein String Test: An Analysis of Its Use and Relationship to Barium Studies of the Upper Gastrointestinal Tract in 122 Cases of Gastrointestinal Tract Hemorrhage. *F. E. Pittman* 418

Serial Electrocardiograms After Myocardial Infarction. *B. M. Kaplan and D. M. Berkson* 430

Cholesterol Crystals in Synovial Fluid. *Jack Zuckner, Jamal Uddin, G. E. Gantner, Jr., and R. W. Dorner* 436

Calcium Intoxication Due to Primary Hyperparathyroidism: A Medical and Surgical Emergency. *Jacob Lemann, Jr., and A. A. Donatelli* 447

Brief Communication:
Mediastinal Parathyroid Adenoma Demonstrated by Pneumomediastinography. *Solomon Posen, J. S. Clubb, F. C. Neale, and W. S. Hare* 462

Case Studies:
Sickle Cell Trait and Superior, Longitudinal Sinus Thrombosis. *E. A. Schenk* .. 465

Vascular Purpura Due to Colchicine in a Patient with Gout. *N. P. Sinaly* 470

Rheumatoid Arthritis of the Cricoarytenoid Joint with Ankylosis: A Report of a Case Presenting as a Serious Medical Emergency. *R. F. Smith and K. I. Shine* 473

Myoglobinuric Myopathy: A Clinical, Histological, and Biochemical Study. *C. L. Hampers and David Prager* 476

Medical History:
"Studies on the Nature of Gouty Tophi" by Max Freudweiler (An Inflammatory Response to Injected Sodium Urate, 1899). *J. M. Brill and D. J. McCarty, Jr.* 486

NIH Conference:
A Mechanism of Cell Destruction in Individuals Sensitized to Foreign Antigens and Its Implication in Auto-immunity. Combined Clinical Staff Conference at the National Institutes of Health. *N. R. Shulman* 506

Editorials:
Assay of Human Parathyroid Hormone. *A. H. Tashjian, Jr., and P. L. Munson* 523

Effects of Calcium Upon Cellular Metabolism. *Howard Rasmussen* 526

Newer Respiratory Disease Viruses. *H. F. Dowling* 528

Rheumatic Fever and the Streptococcus—An Elegant Inquiry 530

Books ..... 531 Medical News xxxvii

NUMBER 4, APRIL, 1964

Corticosteroid Therapy of Amyloid Nephrotic Syndrome. *M. H. Maxwell, D. A. Adams, and Ralph Goldman* 539

Secondary Aspergillosis. *P. P. Carbone, S. M. Sabesin, Herschel Sidransky, and Emil Frei, III* 556

Spontaneous Peritonitis and Bacteremia in Laennec's Cirrhosis Caused by Enteric Organisms: A Relatively Common but Rarely Recognized Syndrome. *H. O. Conn.* 568

Adult Coeliac Disease: Histologic Results of Long-term Low Gluten Diet. *R. J. Bolt, J. A. Parrish, A. B. French, and H. M. Pollard* 581

An Evaluation of the Effectiveness of Psychotherapy in the Treatment of Ulcerative Colitis. *J. F. O'Connor, George Daniels, Charles Flood, Aaron Karush, Leon Moses, and L. O. Stern* 587

Cardiopulmonary Function in Young Smokers: A Comparison of Pulmonary Function Measurements and Some Cardiopulmonary Responses to Exercise Between a Group of Young Smokers and a Comparable Group of Nonsmokers. *R. A. Krumholz, R. B. Chevalier, and J. C. Ross* 603

The Pathophysiology of Scleroderma Involving the Heart and Respiratory System. *M. A. Sackner, Necati Akgun, Philip Kimbel, and D. H. Lewis* 611

An Evaluation of Ethamivan as a Respiratory Stimulant in Barbiturate Intoxication, and Alveolar Hypoventilation in Emphysema and Obesity. *R. M. Cherniack and G. Young* 631

Cortisol Transport and Disappearance. *W. R. Beisel, V. C. DiRaimondo, and P. H. Forsham* 641

Relapsing Polychondritis: Clinical and Pathologic Features in Fourteen Cases. *R. L. Kaye and D. A. Sones* 653

Case Studies:

Transient Selective Vitamin B_{12} Malabsorption in an Adult. *W. J. Hogan, K. H. Soergel, and S. B. Arnaud* 665

Severe Histopathological Lesion of Sprue in Patient with Minimal Evidence of Malabsorption: Serial Jejunal Biopsy and Clinical Observations. *I. M. Samloff, M. L. Kelley, V. W. Logan, and Roger Terry* 673

The Treatment of Paroxysmal Ventricular Tachycardia with Isoproterenol. *W. L. Underhill and J. B. Tredway* 680

Nutritional Iron Deficiency Anemia in an Adult Male: Report of a Case. *Ernest Rosenbaum and J. W. Leonard* 683

Review:

Energy Balance and Obesity: A Short Review. *J. M. Dabney* 689

Editorials:

New Viral Exanthems. *A. M. Lerner* 703

Gluten and the Pathogenesis of Celiac Disease. *G. H. Jeffries and M. H. Sleisenger* 705

Abstracts, 45th Annual Session of the American College of Physicians 709

Books ..... 742 Medical News xliii

NUMBER 5, MAY, 1964

Transmission of Streptococcal and Staphylococcal Infections. *C. H. Rammelkamp, Jr., E. A. Mortimer, Jr., and E. Wolinsky* 753

Pneumococcal Bacteremia with Especial Reference to Bacteremic Pneumococcal Pneumonia. *R. Austrian and J. Gold* 759

A Staphylococcal Isolation Service: Epidemiologic and Clinical Studies over One Year. *W. E. Bullock, J. W. Hall, III, W. W. Spink, L. J. Damsky, V. W. Greene, D. Vesley, and H. Bauer* 777

Fulminating Staphylococcal Infections Treated with Fucidin® and Penicillin or Semisynthetic Penicillin. *K. Jensen and H. C. Lassen* 790

The Association of Chronic "Nonspecific" Inflammatory Bowel Disease with Lupus Erythematosus. *D. J. Kurlander and J. B. Kirsner* 799

Observations on Patients with Laennec's Cirrhosis Receiving Alcohol While on Controlled Diets. *E. Erenoglu, J. G. Edreira, and A. J. Patek, Jr.* 814

The Effect of Pulmonary Emphysema upon Cardiopulmonary Hemodynamics at Rest and During Exercise. *J. F. Williams, Jr., and R. H. Behnke* 824

Translumbar Aortography: Present Indications and Techniques. *A. C. Beall, Jr., G. C. Morris, Jr., H. E. Garrett, W. S. Henly, G. L. Hallman, E. S. Crawford, D. A. Cooley, and M. E. DeBakey* 843

Scintillation Scanning of Kidneys: A Pitfall of Interpretation in Renal Insufficiency. *M. G. Buse, D. F. Sibrans, and J. Buse* 857

The Response of Stroke Patients to Very Small Doses of Parenteral Reserpine. *S. C. Leonberg, Jr., J. B. Green, and F. A. Elliott* 866

Case Studies:

Mountain Sickness: A Cerebral Form. *R. F. Fitch* 871

Evidence for the Fundic Origin of Intrinsic Factor: An In Vivo Study. *L. D. Wruble, G. W. Cole, H. E. Lessner, S. Z. Haidri, and M. H. Kalser* 877

Vasospastic Reaction to Methysergide Maleate Simulating Leriche Syndrome: Ineffective Treatment with Adrenergic Blockade. *H. W. Daniell* 881

Painful Subcutaneous Hemorrhages of the Extremities with Unusual Reaction to Injected DNA. *A. S. Little and H. E. Bell* 886

Cardiac Disease in Friedreich's Ataxia. *E. J. Gauthier* 892

Brief Communications:

Inhibition of Pyrazinamide Hyperuricemia by Small Doses of Acetylsalicylic Acid. *T. L. Petty and G. V. Dalrymple* 898

Body Weight and Achilles Reflex Time. *V. Burt and A. Stunkard* 900

Reviews:

Hospital-acquired Urinary-tract Infections. *J. P. Sanford* 903

The Incidence and Prevention of Infection After Urethral Catheterization. *J. Levin* 914

Editorials:

Hormones and Macromolecules. *J. J. Ferguson, Jr.* 925

Hope. *J. McClenahan* 928

Books ..... 931 Medical News xlix

NUMBER 6, JUNE, 1964

Laboratory-acquired Coccidioidomycosis: A Report of 210 Cases. *J. E. Johnson III, J. E. Perry, F. R. Fekety, P. J. Kadull, and L. E. Cluff* 941

Hemophilus Aphrophilus Endocarditis: Report of Three Cases. *Philip Witorsch and Phillip Gorden* 957

The Use of Androgens and Thyroid for Stimulation of Growth in Short Children: Effects of Bone Maturity and Linear Growth. *Arthur Storment, Jr., R. F. Escamilla, and A. J. Williams* 962

The Influence of Progesterone and Mineralocorticoids upon Myasthenia Gravis. *Marcel Frenkel and E. N. Ehrlich* 971

Observations on the Use of Antithyroid Drugs. *W. S. Reveno and H. Rosenbaum* 982

Isolated Thyrotropin Deficiency: Review and Report of Three Cases. *F. N. Lohrenz, Rafael-Fernandez, and R. P. Doe* 990

Bipolar Esophageal Electrocardiography in Unusual Cardiac Mechanisms. *G. D. Copeland, N. C. Salky, and D. A. Brody* 999

Immune Aspects of the Glomerulonephritis Associated with Pulmonary Hemorrhage. *R. L. Scheer and M. A. Grossman* 1009

Benzidine-positive Pigments in Serum of Patients with Sickle Cell Anemia During Painful Crises. *I. Iuchi, L. W. Diggs, J. D. Upshaw, Jr.* 1022

Case Studies:

Familial Pheochromocytoma and Thyroid Carcinoma. *D. S. Nourok* 1028

A Norepinephrine-secreting Glomus Jugulare Tumor Presenting as a Pheochromocytoma. *W. W. Duke, B. R. Boshell, Peter Soteres, and J. H. Carr, Jr.* 1040

Relapsing Pancreatitis with Recurrent Pericardial and Pleural Effusions. *C. E. Mitchell* 1047

Globulin-bound Amylase: A Cause of Persistently Elevated Levels in Serum. *P. Wilding, W. T. Cooke, and G. I. Nicholson* 1053

Zollinger-Ellison Syndrome: Report of a Case Supporting a Proposed Hypothesis of Extrapancreatic Etiology. *A. R. Christlieb, Michael Shende, and M. M. Schuster* 1059

Brief Communication:

A Hemorrhagic Syndrome Due to Dicumarol Poisoning Masquerading as Propylthiouracil Sensitivity. *R. T. Breckenridge and R. W. Kellermeyer* 1066

Medical History:

The Autonomy of the Circulatory System. *C. B. Chapman* 1069

Clinical Staff Conference:

The Surgical Management of Mitral Valve Disease: A Symposium on Diagnostic Methods, Operative Techniques, and Results. Combined Clinical Staff Conference at the National Institutes of Health. *A. G. Morrow, D. C. Harrison, John Ross, Jr., R. S. Ross, N. S. Braunwald, and W. D. Clark* .. 1073

Editorial:

Cigarette Smoking and Coronary Heart Disease. *W. B. Kannel* 1103

Books 1107

Index 1120

Medical News liii